

INFORMATION DOCUMENTAIRE

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PRÉSENTATION

INFORMATION DOCUMENTAIRE est un bulletin que le Service de l'accès à l'information et de la propriété intellectuelle met à votre disposition afin de souligner la documentation récente susceptible de vous intéresser dans les domaines sociosanitaires et d'en favoriser ainsi l'exploitation optimale.

La première partie vous présente les nouvelles acquisitions du Service de l'accès à l'information et de la propriété intellectuelle. Une courte notice bibliographique vous décrit les documents choisis. Vous retrouvez dans la deuxième partie les tables des matières des périodiques nouvellement reçus.

Si vous êtes un employé d'un milieu documentaire ou un membre du personnel du ministère de la Santé et des Services sociaux, de la Régie de l'assurance maladie du Québec, du Commissaire à la santé et au bien-être ou du Bureau du coronar, vous pouvez effectuer une demande de prêt de documents ou d'articles de périodiques par le biais de la [Bibliothèque virtuelle](#), par [courriel](#) ou par téléphone au 418-266-7007.

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Partie I

Nouvelles acquisitions

Liste détaillée de monographies

Titre : **24 - 7 : le capitalisme à l'assaut du sommeil**
 Auteur : Crary, Jonathan
 Lieu de publication : Paris
 Éditeur : Zones
 Année de publication : 2014
 Description : 139 p.
 Cote : HS MON 1017 2014 QIAS

Titre : **24 heures textos [enregistrement vidéo]**
 Lieu de publication : Québec (Province)
 Éditeur : Association québécoise Plaidoyer-Victimes
 Année de publication : 2014
 Description : 1 DVD (28 min, 58 s) : son., coul. ; 12 cm.
 Cote : EV 2014 001 QIAS Multi.

Titre : **Activités (Les) de prévention auprès des hommes gais ayant des relations sexuelles avec d'autres hommes : rapport sur la consultation auprès des porteurs régionaux du dossier ITSS**
 Auteur : Fadel, Riyas
 Lieu de publication : Québec
 Éditeur : Direction des communications, Ministère de la santé et des services sociaux
 Année de publication : 2014
 Description : 12 p. : ill.
 Cote : SE MSSS 633 2014 QIAS

Titre : **Anomalies (Les) congénitales au Canada 2013 : rapport de surveillance sur la santé périnatale**
 Lieu de publication : Ottawa
 Éditeur : Agence de la santé publique du Canada = Public Health Agency of Canada
 Année de publication : 2013
 Description : iii, 130 p. : ill., cartes.
 Cote : SA GOU 807 2013 QIAS

Titre : **Apaisement de la circulation urbaine et inégalités de santé : effets et implications pour la pratique**
 Auteur : Bellefleur, Olivier
 Lieu de publication : Québec (Province)

Liste détaillée de monographies

Éditeur : Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec

Année de publication : 2014

Description : 13 p.

Cote : TS GOU 230 2014 QIAS

Titre : **Approche (L') de médiation en protection de la jeunesse et en droit pénal juvénile**

Auteur : Bernard, Luc, 1952-

Lieu de publication : Québec

Éditeur : Presses de l'Université Laval

Année de publication : 2014

Description : xi, 90 p.

Cote : JE MON 803 2014 QIAS

Titre : **Bilan 2009-2012 : Programme québécois de dépistage du cancer du sein**

Lieu de publication : Québec

Éditeur : Direction des communications, Ministère de la santé et des services sociaux

Année de publication : 2014

Description : 56 p. : ill. en coul.

Cote : SE MSSS 319 2009/12 QIAS

Titre : **Cahier des besoins fonctionnels et spécifications cliniques pour l'intégration des pratiques cliniques préventives dans les dossiers médicaux électroniques**

Lieu de publication : Montréal

Éditeur : Services préventifs en milieu clinique, Direction de santé publique, Agence de la santé et des services sociaux de Montréal

Année de publication : 2014

Description : ii, 60 p. : ill.

Cote : SA RES 599 2014 QIAS

Titre : **Ces poissons qui tuent : manger des organismes aquatiques est dangereux pour votre santé**

Auteur : Clément, Brian R., 1951-

Lieu de publication : Saint-Sauveur, Québec

Éditeur : Marcel Broquet, la nouvelle édition

Année de publication : 2014

Description : 189 p. : ill.

Liste détaillée de monographies

Cote : SN MON 156 2014 QIAS

Titre : **Comprendre la tuberculose pour mieux appliquer la thérapie sous observation directe : guide d'application de la TOD**
 Auteur : Gosselin, Lydia
 Lieu de publication : Montréal
 Éditeur : Direction de santé publique, Agence de la santé et des services sociaux de Montréal
 Année de publication : 2013
 Description : iii, 43, [10] p. : ill.
 Cote : SE RES 1096 2013 QIAS

Titre : **Constructing a logic model for a healthy public policy : why and how?**
 Auteur : Morestin, Florence
 Lieu de publication : Québec (Province)
 Éditeur : Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
 Année de publication : 2014
 Description : 10 p. : ill. en coul.
 Cote : SA GOU 813 2014a QIAS

Titre : **Construire le modèle logique d'une politique publique favorable à la santé : pourquoi et comment?**
 Auteur : Morestin, Florence
 Lieu de publication : Québec (Province)
 Éditeur : Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
 Année de publication : 2014
 Description : 10 p. : ill. en coul.
 Cote : SA GOU 813 2014 QIAS

Titre : **Contrer la banalisation de l'exploitation sexuelle : une contribution au développement de relations égalitaires entre filles et garçons**
 Auteur : Cournoyer, Maude
 Lieu de publication : Québec ; Montréal
 Éditeur : Ministère de la santé et des services sociaux : Université du Québec à Montréal : Tel-Jeunes
 Année de publication : 2014
 Description : 27 p. : ill. en coul.

Liste détaillée de monographies

Cote : JE MSSS 094 .24 2014 QIAS

Titre : **Counteracting the trivialization of sexual exploitation : encouraging equal relationships between girls and boys**
 Auteur : Cournoyer, Maude
 Lieu de publication : Québec ; Montréal
 Éditeur : Ministère de la santé et des services sociaux : Université du Québec à Montréal : Tel -Jeunes
 Année de publication : 2014
 Description : 27 p. : ill. en coul.
 Cote : JE MSSS 094 .24 2014a QIAS

Titre : **Dans les tripes de la drogue et de la violence : mieux comprendre ces jeunes**
 Auteur : Falardeau, Marlène, 1960-
 Lieu de publication : Québec
 Éditeur : Presses de l'Université du Québec
 Année de publication : 2014
 Description : xxiii, 225 p. : ill.
 Cote : JE MON 802 2014 QIAS

Titre : **De praticiens à spécialistes en médecine de famille, 1963-2013 : histoire de la fédération des médecins omnipraticiens du Québec**
 Auteur : Asselin, Marc-André, 1946-
 Lieu de publication : Westmount
 Éditeur : Fédération des médecins omnipraticiens du Québec
 Année de publication : 2013
 Description : xvii, 486 p. : ill.
 Cote : RT MON 397 2013 QIAS

Titre : **Droit de la santé en bref 2014 : Lois et règlements. -- 8e éd.**
 Auteur : Québec (Province)
 Lieu de publication : Cowansville, Québec
 Éditeur : Éditions Yvon Blais
 Année de publication : 2014
 Description : x, 567 p.
 Cote : DR 013 2014 QIAS Réf.
 Consultation sur place: Oui

Liste détaillée de monographies

Titre : **Dying well at home : research evidence**
 Lieu de publication : London, UK
 Éditeur : Social Care Institute for Excellence
 Année de publication : 2013
 Description : 71 p.
 Cote : SA MON 3679 2013 QIAS

Titre : **Dying well at home : the case for integrated working**
 Lieu de publication : London, UK
 Éditeur : Social Care Institute for Excellence
 Année de publication : 2013
 Description : 46 p.
 Cote : SA MON 3678 2013 QIAS

Titre : **Éduquer à la santé : l'essentiel de la théorie et des méthodes : manuel de formation -- 2e éd.**
 Auteur : Hagan, Louise, 1948-
 Lieu de publication : Québec
 Éditeur : Presses de l'Université Laval
 Année de publication : 2014
 Description : ix, 212 p. : ill.
 Cote : SA MON 3681 2014 QIAS

Titre : **Efficience de la télémédecine : état des lieux de la littérature internationale et cadrage d'évaluation : note de cadrage**
 Lieu de publication : Paris
 Éditeur : Haute Autorité de Santé, Service évaluation économique et santé publique
 Année de publication : 2011
 Description : 41 p. : ill. en coul.
 Cote : TS GOU 226 2011 QIAS

Titre : **Efficience de la télémédecine : état des lieux de la littérature internationale et cadre d'évaluation : rapport d'évaluation médico-économique : version finale**
 Lieu de publication : Paris
 Éditeur : Haute Autorité de Santé, Service évaluation économique et santé publique
 Année de publication : 2013

Liste détaillée de monographies

Description : 152 p. : ill. en coul. + 1 annexe (33 p.).

Cote : TS GOU 227 2013 QIAS Ann.

Titre : **Enjeu (L') : soigner sans s'épuiser**

Auteur : Sauvegrain, Isabelle

Lieu de publication : Montrouge

Éditeur : Doin

Année de publication : 2014

Description : xii, 175 p. : ill.

Cote : ST MON 294 2014 QIAS

Titre : **Enquête québécoise sur la santé des jeunes du secondaire 2010-2011 : Lanaudière et ses territoires de RLS : le statut pondéral, l'apparence corporelle et les actions à l'égard du poids**

Lieu de publication : Joliette, Québec

Éditeur : Agence de la santé et des services sociaux de Lanaudière

Année de publication : 2014

Description : 27 p.

Cote : JE RES 713 2010-11 QIAS

Titre : **Enquête québécoise sur le développement des enfants à la maternelle (EQDEM) 2012 : regard sur les résultats lanaudois**

Auteur : Bellehumeur, Patrick

Lieu de publication : Joliette, Québec

Éditeur : Direction de santé publique, Agence de la santé et des services sociaux de Lanaudière

Année de publication : 2014

Description : 23 p. : ill. en coul.

Cote : JE RES 712 2014 QIAS

Titre : **Enquête sur la santé et la protection sociale en 2012**

Lieu de publication : Paris

Éditeur : Institut de recherche et documentation en économie de la santé

Année de publication : 2014

Description : 302 p. : ill. en coul., cartes en coul.

Cote : SA MON 534 2012 QIAS

Liste détaillée de monographies

Titre : **Évaluation de l'implantation d'un test de détection du VIH à résultat rapide dans les centres de détention de la région de Montréal : rapport final**

Auteur : Lambert, Gilles, médecin-conseil

Lieu de publication : Montréal

Éditeur : Agence de la santé et des services sociaux de Montréal

Année de publication : 2014

Description : vii, 179 p.

Cote : SE RES 1097 2014 QIAS

Titre : **Exercices (Les) qui vous soignent : T.2. Troubles de la posture et ergonomie**

Auteur : Drouin, Jean, 1948-

Lieu de publication : Montréal

Éditeur : Éditions de l'Homme

Année de publication : 2014

Description : 176 p. : ill. en coul.

Cote : SS MON 985 T.2 2014 QIAS

Titre : **Fin de vie, autonomie de la personne, volonté de mourir : avis no 121**

Auteur : France. Comité consultatif national d'éthique pour les sciences de la vie et de la santé

Lieu de publication : Paris

Éditeur : Comité consultatif National d'Éthique pour les Sciences de la vie et de la santé

Année de publication : 2012

Description : 79 p.

Cote : HS GOU 590 2012 QIAS

Titre : **Financement (Le) des dépenses de santé. Fascicule, 1 : la réalité des statistiques**

Auteur : Larin, Gilles

Lieu de publication : Sherbrooke

Éditeur : Chaire de recherche en fiscalité et en finances publiques, Université de Sherbrooke

Année de publication : 2014

Description : v, 105 p. : ill.

Cote : SA MON 3683 2014 QIAS

Titre : **Grippe A (La) (H7N9) : fiche technique**

Lieu de publication : Québec

Liste détaillée de monographies

Éditeur : Direction des communications, Ministère de la santé et des services sociaux
 Année de publication : 2014
 Description : 36 p.
 Cote : SE MSSS 635 2014 QIAS

Titre : **Guide québécois de dépistage : infections transmissibles sexuellement et par le sang. -- Mise à jour 2014**
 Lieu de publication : Québec
 Éditeur : Direction des communications du Ministère de la santé et des services sociaux
 Année de publication : 2014
 Description : xii, 227 p.
 Cote : SE MSSS 373 2006- QIAS

Titre : **Guidelines for preventive activities in general practice. -- 8th ed.**
 Lieu de publication : East Melbourne, Australia
 Éditeur : Royal Australian College of General Practitioners
 Année de publication : 2012
 Description : x, 125 p.
 Cote : SA MON 3675 2012 QIAS

Titre : **Household food insecurity in Canada 2011**
 Lieu de publication : Ottawa
 Éditeur : PROOF Research to identify policy options to reduce food insecurity
 Année de publication : 2013
 Description : 25 p. : ill.
 Cote : SN MON 155 2011a QIAS

Titre : **Impact des nouveaux milieux d'hébergement en soins de longue durée sur la prise de repas chez les personnes âgées ayant des atteintes cognitives : rapport de recherche**
 Auteur : Deaudelin, Isabelle
 Lieu de publication : Québec
 Éditeur : Université Laval
 Année de publication : 2013
 Description : viii, 22 p.
 Cote : PA MON 1021 2013 QIAS

Liste détaillée de monographies

Titre : **Innommable et innombrable : de la vieillesse considérée comme une épidémie**
 Auteur : Amyot, Jean-Jacques
 Lieu de publication : Paris
 Éditeur : Dunod
 Année de publication : 2014
 Description : viii, 264 p.
 Cote : PA MON 1022 2014 QIAS

Titre : **Innovation (L') managériale à l'hôpital : 14 cas de mise en oeuvre**
 Lieu de publication : Paris
 Éditeur : Dunod
 Année de publication : 2013
 Description : xviii, 299 p. : ill.
 Cote : SA MON 3682 2013 QIAS

Titre : **Insécurité alimentaire des ménages au Canada 2012**
 Lieu de publication : [Ottawa]
 Éditeur : PROOF Research to identify policy options to reduce food insecurity
 Année de publication : 2013
 Description : 29 p. : ill.
 Cote : SN MON 155 2012 QIAS

Titre : **Introduction (An) to the ethical implications of economic evaluations for healthy public policy**
 Auteur : Rozworski, Michal
 Lieu de publication : Québec (Province)
 Éditeur : Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
 Année de publication : 2014
 Description : 11 p.
 Cote : SA GOU 815 2014a QIAS

Titre : **Introduction aux implications éthiques des évaluations économiques pour les politiques publiques favorables à la santé**
 Auteur : Rozworski, Michal
 Lieu de publication : Québec (Province)

Liste détaillée de monographies

Éditeur : Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec

Année de publication : 2014

Description : 12 p.

Cote : SA GOU 815 2014 QIAS

Titre : **Investing in health infrastructure : how decentralization matters**

Auteur : Dafflon, Bernard

Lieu de publication : Atlanta

Éditeur : International Center for Public Policy, Andrew Young School of Policy Studies, Georgia State University

Année de publication : 2014

Description : 32 p.

Cote : SA MON 3680 2014 QIAS

Titre : **Jamais l'un sans l'autre : ensemble pour la prévention conjointe des ITSS et des grossesses chez les jeunes : rapport du directeur de santé publique de Lanaudière. -- Éd. 2014.**

Auteur : Agence de la santé et des services sociaux de Lanaudière. Direction de santé publique et d'évaluation

Lieu de publication : Joliette, Québec

Éditeur : Agence de la santé et des services sociaux de Lanaudière, Direction de santé publique et d'évaluation

Année de publication : 2014

Description : 39 p. : ill. en coul.

Cote : JE RES 711 2014 QIAS

Titre : **Maladie (La) du temps : sur la maladie d'Alzheimer**

Auteur : Gzil, Fabrice

Lieu de publication : Paris

Éditeur : Presses universitaires de France

Année de publication : 2014

Description : 70 p.

Cote : SM MON 878 2014 QIAS

Titre : **Mammographie numérique et indicateurs de performance dans le Programme québécois de dépistage du cancer du sein (PQDCS), 2007-2012**

Lieu de publication : Québec

Éditeur : Institut national de santé publique du Québec

Liste détaillée de monographies

Année de publication : 2014
 Description : xi, 44 p. : ill.
 Cote : SS GOU 366 2007-12 QIAS

Titre : **Modèles (Les) de politiques publiques et leur utilité en santé publique : le modèle des étapes**
 Auteur : Benoit, François
 Lieu de publication : Québec (Province)
 Éditeur : Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
 Année de publication : 2014
 Description : 10 p. : ill.
 Cote : SA GOU 814 2014 QIAS

Titre : **Modifications apportées au Règlement sur les conditions d'obtention d'un certificat de conformité et les normes d'exploitation d'une résidence privée pour aînés afin d'accorder une prolongation de certaines clauses transitoires : analyse d'impact ...**
 Auteur : Québec (Province). Ministère de la santé et des services sociaux
 Lieu de publication : Québec
 Éditeur : Ministère de la santé et des services sociaux, Direction des communications
 Année de publication : 2014
 Description : 7 p. : ill.
 Cote : PA MSSS 101 2014 QIAS

Titre : **Naître, grandir et vieillir en santé au Bas-Saint-Laurent : rapport du directeur de santé publique 2014 sur la prévention des maladies chroniques**
 Auteur : Agence de la santé et des services sociaux du Bas-Saint-Laurent. Direction de santé publique
 Lieu de publication : Rimouski, Québec
 Éditeur : Agence de la santé et des services sociaux du Bas-Saint-Laurent
 Année de publication : 2014
 Description : 99 p. : ill. en coul.
 Cote : SE RES 1098 2014 QIAS

Titre : **Naître, grandir et vieillir en santé au Bas-Saint-Laurent : rapport du directeur de santé publique 2014 sur la prévention des maladies chroniques : mise en contexte**
 Auteur : Agence de la santé et des services sociaux du Bas-Saint-Laurent. Direction de santé publique

Liste détaillée de monographies

Lieu de publication :	Rimouski, Québec
Éditeur :	Agence de la santé et des services sociaux du Bas-Saint-Laurent
Année de publication :	2014
Description :	1 feuille pliée (6 p.) : ill. en coul.
Cote :	SE RES 1098 S 2014 QIAS
Titre :	Obesity and inequities : guidance for addressing inequities in overweight and obesity
Auteur :	Loring, Belinda, 1978-
Lieu de publication :	Copenhagen, Denmark
Éditeur :	World Health Organization, Regional office for Europe
Année de publication :	2014
Description :	v, 35 p. : ill. en coul.
Cote :	OMS ZZ 827 2014 QIAS
Titre :	Planifier le partage de connaissances lors d'une évaluation d'impact sur la santé
Auteur :	Morestin, Florence
Lieu de publication :	Québec (Province)
Éditeur :	Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
Année de publication :	2014
Description :	8 p. : ill. en coul.
Cote :	SE GOU 868 2014 QIAS
Titre :	Planning knowledge sharing in the context of a health impact assessment
Auteur :	Morestin, Florence
Lieu de publication :	Québec (Province)
Éditeur :	Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
Année de publication :	2014
Description :	8 p. : ill. en coul.
Cote :	SE GOU 868 2014a QIAS
Titre :	Portrait de la main-d'oeuvre : archivistes médicales travaillant en registre local de cancer
Auteur :	Direction québécoise de cancérologie

Liste détaillée de monographies

Lieu de publication : Québec (Province)
 Éditeur : Ministère de la Santé et des Services sociaux, Direction des communications
 Année de publication : 2014
 Description : 18 p.
 Cote : RT MSSS 181 2014 QIAS

Titre : **Portrait des interventions mises en place au sein des groupes de médecine de famille pour les patients avec des troubles cognitifs liés au vieillissement (TCV) (La maladie d'Alzheimer et les maladies apparentées) : étude réalisée à la demande du ...**
 Auteur : Vedel, Isabelle
 Lieu de publication : Montréal
 Éditeur : Groupe de recherche SOLIDAGE
 Année de publication : 2012
 Description : xiv, 53 p.
 Cote : SM MON 879 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS Cavendish**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 247 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS d'Achetsic et Montréal-Nord**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 248 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS de Bordeaux-Cartierville-Saint-Laurent**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 249 2012 QIAS

Liste détaillée de monographies

Titre : **Portrait local du tabagisme : CSSS de Dorval-Lachine-Lasalle**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 250 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS de la Montagne**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 252 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS de la Pointe-de-l'Île**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 253 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS de l'Ouest-de-l'Île**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 251 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS de Saint-Léonard et Saint-Michel**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 254 2012 QIAS

Liste détaillée de monographies

Titre : **Portrait local du tabagisme : CSSS du Coeur-de-l'Île**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 255 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS du Sud-Ouest-Verdun**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 256 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS Jeanne-Mance**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 257 2012 QIAS

Titre : **Portrait local du tabagisme : CSSS Lucille-Teasdale**
 Lieu de publication : Montréal
 Éditeur : Agence de la santé et des services sociaux de Montréal
 Année de publication : 2014
 Description : 11 p. : ill. en coul., carte en coul.
 Cote : TO RES 258 2012 QIAS

Titre : **Prévenir les ITSS autrement par ou pour des clientèles désaffiliées**
 Auteur : Bédard, Amélie
 Lieu de publication : Québec
 Éditeur : Direction régionale de santé publique, Agence de la santé et des services sociaux de la Capitale-Nationale
 Année de publication : 2014
 Description : 67, 34 p. : ill.
 Cote : SE RES 1099 2014 QIAS

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Titre :	Prévention des maladies chroniques : plan stratégique 2013-2016.
Lieu de publication :	Ottawa
Éditeur :	Agence de la santé publique du Canada = Public Health Agency of Canada
Année de publication :	2013
Description :	32 p. : ill.
Cote :	SE GOU 867 2013/16 QIAS
Titre :	Problèmes (Les) vicioux et les politiques publiques
Auteur :	Morrison, Val
Lieu de publication :	Québec (Province)
Éditeur :	Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
Année de publication :	2014
Description :	4 p.
Cote :	AD GOU 444 2014 QIAS
Titre :	Protocoles d'intervention clinique à l'usage des premiers répondants 2013 : version finale. -- 4e éd.
Lieu de publication :	[Montréal]
Éditeur :	[Urgence Santé]
Année de publication :	2013
Description :	1 v. : ill.
Cote :	SA GOU 810 2013 QIAS
Titre :	Public policy models and their usefulness in public health : the stages model
Auteur :	Benoit, François
Lieu de publication :	Québec (Province)
Éditeur :	Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
Année de publication :	2014
Description :	10 p. : ill.
Cote :	SA GOU 814 2014a QIAS
Titre :	Public, private or both? : analysing factors influencing the labour supply of medical specialists
Auteur :	Chai Cheng, Terence

Liste détaillée de monographies

Lieu de publication : Bonn, Allemagne

Éditeur : IZA

Année de publication : 2013

Description : 27 p.

Cote : RT MON 427 2013 QIAS

Titre : **Quality (A) framework and suite of quality measures for the emergency department phase of acute patient care in New Zealand**

Lieu de publication : Wellington, New Zealand

Éditeur : Ministry of Health

Année de publication : 2014

Description : iii, 33 p.

Cote : SA GOU 811 2014 QIAS

Titre : **Rapport annuel 2011 : maladies à déclaration obligatoire d'origine infectieuse**

Lieu de publication : Québec (Province)

Éditeur : Agence de la santé et des services sociaux du Saguenay-Lac-Saint-Jean

Année de publication : 2014

Description : 63 p. : ill. en coul.

Cote : SE RES 896 2011 QIAS

Titre : **Rapport d'enquête d'André Perreault, coroner à temps partiel sur les causes et les circonstances du décès de Fredy Alberto Villanueva**

Auteur : Perreault, André, coroner

Lieu de publication : Montréal

Éditeur : Bureau du coroner

Année de publication : 2013

Description : 142 p.

Cote : HS GOU 589 2013 QIAS

Titre : **Rapport d'intervention : l'admission d'une ressortissante étrangère à l'Hôpital Royal Victoria du Centre universitaire de santé McGill**

Lieu de publication : Québec

Éditeur : Protecteur du citoyen, Assemblée nationale Québec

Année de publication : 2014

Description : ii, i, 55 p.

Cote : SA GOU 816 2014 QIAS

Liste détaillée de monographies

Titre :	Rapport sur les chutes des aînés au Canada. -- 2e rapport
Lieu de publication :	Ottawa
Éditeur :	Agence de santé publique du Canada = Public Health Agency of Canada
Année de publication :	2014
Description :	vi, 62 p. : ill. en coul.
Cote :	PA GOU 368 2014 QIAS
Titre :	Rapport sur les risques infectieux et environnementaux - Montréal, 2004-2010
Lieu de publication :	Montréal
Éditeur :	Secteur Vigie et protection, Direction de santé publique, Agence de la santé et des services sociaux de Montréal
Année de publication :	2014
Description :	xiv, 122 p. : ill. en coul., cartes en coul.
Cote :	SE RES 1095 2004-10 QIAS
Titre :	Regard statistique sur la jeunesse : état et évolution de la situation des Québécois âgés de 15 à 29 ans : 1996 à 2012
Lieu de publication :	Québec
Éditeur :	Institut de la statistique du Québec
Année de publication :	2014
Description :	188 p. : ill. en coul.
Cote :	JE GOU 444 1996-2012 QIAS
Titre :	Régimes (Les) routiers : des voies publiques plus minces et favorables à la santé
Auteur :	Bowman, Sarah
Lieu de publication :	Québec (Province)
Éditeur :	Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
Année de publication :	2014
Description :	10 p. : ill. en coul.
Cote :	TS GOU 229 2013 QIAS
Titre :	Regulating quality and safety of health and social care : international experiences
Lieu de publication :	Cambridge, U.K.
Éditeur :	Rand Europe

Liste détaillée de monographies

Année de publication : 2014
 Description : xix, 161 p. : ill.
 Cote : SA MON 3676 2014 QIAS

Titre : **Rendez-vous avec la mort : dix ans d'euthanasie en Belgique**
 Auteur : Montero, Étienne
 Lieu de publication : Limal, Belgique
 Éditeur : Anthemis
 Année de publication : 2013
 Description : 140 p. : ill. en coul.
 Cote : HS MON 1005 2013 QIAS

Titre : **Repenser le vieillissement : vieillir et bien vivre dans une société surmédicalisée**
 Auteur : Hadler, Nortin M., 1942-
 Lieu de publication : Québec
 Éditeur : Presses de l'Université Laval
 Année de publication : 2013
 Description : xxii, 294 p. : ill.
 Cote : PA MON 997 2013 QIAS

Titre : **Responsabilité (La) populationnelle : des changements organisationnels à gérer en réseau : un guide de gestion du changement en faveur de la responsabilité populationnelle**
 Auteur : Trottier, Louise-Hélène
 Lieu de publication : [Québec (Province)]
 Éditeur : Initiative sur le partage des connaissances et le développement des compétences
 Année de publication : 2013
 Description : viii, 83 p. : ill.
 Cote : SA GOU 809 2013 QIAS

Titre : **Responsabilités et violences envers les femmes**
 Lieu de publication : Québec
 Éditeur : Presses de l'Université du Québec
 Année de publication : 2014
 Description : xxix, 354 p.
 Cote : CF MON 246 2014 QIAS

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Titre : **Ressources : intervention préventive relative aux infections transmissibles sexuellement et par le sang.**

Lieu de publication : Québec

Éditeur : Santé et service sociaux Québec

Année de publication : 2014

Description : 13 p.

Cote : SE MSSS 634 2014 QIAS

Titre : **Rethinking pharmacare in Canada**

Auteur : Morgan, Steven G.

Lieu de publication : Toronto

Éditeur : C.D. Howe Institute

Année de publication : 2013

Description : 24 p. : ill.

Cote : SP MON 364 2013 QIAS

Titre : **Road diets : fitter, healthier public ways**

Auteur : Bowman, Sarah

Lieu de publication : Québec (Province)

Éditeur : Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy : Institut national de santé publique Québec

Année de publication : 2014

Description : 9 p. : ill. en coul.

Cote : TS GOU 229 2013a QIAS

Titre : **Safe, compassionate care for frail older people using an integrated care pathway : practical guidance for commissioners, providers and nursing, medical and allied health professional leaders**

Lieu de publication : S.l., Grande-Bretagne

Éditeur : Department of Health, NHS

Année de publication : 2014

Description : 33 p. : ill.

Cote : PA GOU 369 2014 QIAS

Titre : **Setting priorities for the B.C. health system : supporting the health and well-being of B.C. citizens : delivering a system of responsive and effective health care services for patients across British Columbia : ensuring value for money**

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Auteur : Colombie-Britannique. Ministry of Health
 Lieu de publication : Victoria
 Éditeur : British Columbia, Ministry of Health
 Année de publication : 2014
 Description : 44 p. : ill.
 Cote : SA GOU 812 2014 QIAS

Titre : **Statistiques canadiennes sur le cancer 2014**
 Lieu de publication : Toronto
 Éditeur : Société canadienne du cancer
 Année de publication : 2014
 Description : 139 p. : ill. en coul., cartes.
 Cote : SE MON 070 2014 QIAS

Titre : **Suicide, (Le) l'affaire de tous : vers une nouvelle approche**
 Auteur : Lamarre, Suzanne, 1942-
 Lieu de publication : Montréal
 Éditeur : Éditions de l'Homme
 Année de publication : 2014
 Description : 217 p. : ill.
 Cote : HS MON 1016 2014 QIAS

Titre : **Synthèse de la fondation canadienne de la recherche sur les services de santé : collaboration interprofessionnelle et services de santé de première ligne de qualité**
 Lieu de publication : Ottawa
 Éditeur : Fondation canadienne de la recherche sur les services de santé
 Année de publication : 2007
 Description : iv, 23 p.
 Cote : SA MON 3684 2007 QIAS

Titre : **Targeting waiting times**
 Lieu de publication : Wellington (New Zealand)
 Éditeur : Ministry of Health
 Année de publication : 2013
 Description : 28 p. : ill.

Liste détaillée de monographies

Cote : SA GOU 808 2013 QIAS

Titre : **Télésanté (La) clinique au Québec : un regard éthique : avis**

Auteur : Québec (Province). Commission de l'éthique de la science et de la technologie

Lieu de publication : Québec

Éditeur : Commission de l'éthique en science et en technologie

Année de publication : 2014

Description : xxviii, 101 p.

Cote : TS GOU 228 2014 QIAS

Titre : **Tobacco use in Canada : patterns and trends. -- 2014 ed.**

Lieu de publication : Waterloo, Ont.

Éditeur : Propel Centre for Population Health Impact, University of Waterloo

Année de publication : 2014

Description : 96 p. : ill. en coul.

Cote : TO MON 461 2014 QIAS

Titre : **Toxique planète : le scandale invisible des maladies chroniques**

Auteur : Cicolella, André

Lieu de publication : Paris

Éditeur : Éditions du seuil

Année de publication : 2013

Description : 309 p.

Cote : ST MON 293 2013 QIAS

Titre : **Transforming primary care : safe, proactive, personalised care for those who need it most**

Lieu de publication : [S.l., Angleterre]

Éditeur : NHS England, Department of Health

Année de publication : 2014

Description : 49 p. : ill.

Cote : SA MON 3677 2014 QIAS

Titre : **Unité d'imagerie médicale : répertoire des guides de planification immobilière : centres hospitaliers de soins de courte durée**

Auteur : Piette, Lise-Anne

Lieu de publication : Québec (Province)

Liste détaillée de monographies

Éditeur : Direction des communications du Ministère de la santé et des services sociaux
 Année de publication : 2014
 Description : 122 p. : ill. (certaines en coul.).
 Cote : TS MSSS 130 2014 QIAS

Titre : **Urban traffic calming and health inequalities : effects and implications for practice**
 Auteur : Bellefleur, Olivier
 Lieu de publication : Québec (Province)
 Éditeur : Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
 Année de publication : 2014
 Description : 12 p.
 Cote : TS GOU 230 2014a QIAS

Titre : **Utilisation de la radiothérapie stéréotaxique d'ablation pour le traitement du cancer du poumon non à petites cellules : guide de pratique clinique**
 Auteur : Boily, Gino, 1972-
 Lieu de publication : Québec
 Éditeur : Institut national d'excellence en santé et en services sociaux
 Année de publication : 2014
 Description : x, 90 p.
 Cote : SE GOU 869 2014 QIAS

Titre : **Vérité (La) sur la cigarette électronique**
 Auteur : Etter, Jean-François
 Lieu de publication : Paris
 Éditeur : Éditions Fayard
 Année de publication : 2013
 Description : 167 p. : ill.
 Cote : TO MON 460 2013 QIAS

Titre : **Wicked problems and public policy**
 Auteur : Morrison, Val
 Lieu de publication : Québec (Province)

Liste détaillée de monographies

Éditeur :	Centre de collaboration nationale sur les politiques publiques et la santé = National Collaborating Centre for Healthy Public Policy, Institut national de santé publique Québec
Année de publication :	2014
Description :	4 p.
Cote :	AD GOU 444 2014a QIAS

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The journal for emergency care clinicians, researchers, and educators

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- 557 Five Authors Reply.** *Kylie J. Smith, Kristy Sanderson, Sarah A. McNaughton, Seana L. Gail, and Alison J. Venn*

*Health Promotion***In Brief**

Michael P. O'Donnell

v

Editor's Notes: What Is the Future of Scholarly Journals in an Open Access Environment?

A growing number of colleges and universities are requiring faculty to publish manuscripts accepted in peer-reviewed journals on their internal school websites in open access format so all of the articles would be available free to the public. This is exciting to anyone who wants to share knowledge and enhance the visibility of ideas, but mildly terrifying to publishers of scholarly journals. If people can get any article online for free, why would anyone pay to subscribe to a journal? This "disruption" is likely to cause some difficult transitions for faculty, colleges, and universities and publishers, as well as some innovation.

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**Recipient of the 2014 Robert F. Allen Symbol of H.O.P.E. Award
Instructions to Authors****Author Index for Volume 28****Subject Index for Volume 28****2015 Call for Conference Proposals****THE SCIENCE OF LIFESTYLE CHANGE****Interventions**

Ruben Barakat
Maria Perales
Mariano Bacchi
Javier Coterón
Ignacio Refoyo

2

Fitness**A Program of Exercise Throughout Pregnancy. Is It Safe to Mother and Newborn?**

This randomized controlled trial examined the effects of moderate exercise during pregnancy on maternal outcomes of gestational age, weight gain, type of delivery, blood pressure during pregnancy, and gestational diabetes, and fetal outcomes of birth weight, birth size, head circumference, Apgar score, and pH of umbilical cord. Recruited through Hospital of Fuenlabrada in Madrid, Spain, 200 women with uncomplicated and singleton gestation were randomized to an exercise group ($n = 107$) or a control group ($n = 93$). The exercise group participated in 55- to 60-minute conditioning sessions 3 d/wk. Student's t -tests and χ^2 analysis revealed that more women in the control group than in the exercise group gained excessive weight during their pregnancies (control group = 35.6%, exercise group = 21.2%; $\chi^2 = 4.95$, $p = .02$; effect size = .16). There were no other differences between groups. Regular and moderate exercise during pregnancy is not a risk to maternal and fetal well-being and helps control excessive maternal weight gain.

Lori C. Guthrie
Stephen C. Butler
Kristen Lessl
Onyinyechukwu Ochi
Michael M. Ward

9

Time Perspective and Exercise, Obesity, and Smoking: Moderation of Associations by Age

This cross-sectional study in a sample of 790 adults examined whether associations between time perspective and exercise, obesity and smoking differed by age group (18–24 years, 25–34 years, and 35 years and older). Participants completed measures of current smoking; days per week of recreational exercise; height; weight; and future (indicating greater focus on future events), present-fatalistic (indicating more hopelessness), and present-hedonistic (indicating interest in pleasure seeking) time perspectives. Analysis of variance and logistic regression analyses revealed that in those aged 18 to 24 years, exercise frequency was positively associated with future time perspective and inversely associated with present-fatalistic time perspective, and obesity was positively associated with present-hedonistic time perspective and inversely associated with future time perspective. Current smoking was unrelated to time perspective in any age group. Findings suggest stages when time perspective may influence health behavior decision making.

Paul D. Loprinzi
Gina Pariser

17

Physical Activity Intensity and Weight Control Status Among U.S. Adults With Diabetes

Using National Health and Nutrition Examination Survey 2003–2006 data, 733 adults (396 males and 337 females) with demonstrated evidence of diabetes and 4572 (2364 males and 2208 females) not having diabetes were examined to determine the association between physical activity and weight control. Weight control status was assessed from accelerometry data and completed questionnaires. Results showed that (1) women with diabetes and trying to lose weight engaged in more physical activity than those without diabetes and (2) no significant difference in physical activity was noted for men with or without diabetes. The authors concluded both men and women with diabetes trying to lose weight engaged in insufficient levels of physical activity. Weight control status was subjectively determined, making it a limitation and affecting generalizability of the results.

Emmanuel Appiah-Brempong
Paul Okeyere
Ebenezer Owusu-Addo
Ruth Cross

e32

@

Mind-Body Health**Motivational Interviewing Interventions and Alcohol Abuse Among College Students: A Systematic Review**

This study is a systematic literature review that assessed the effectiveness of motivational interviewing interventions in reducing alcohol consumption among college students. Of 115 studies, 13 met the inclusion/exclusion criteria that were adopted for this review. Given the heterogeneity in the studies, a narrative synthesis was used. The authors reported that motivational interviewing interventions were found to be effective in reducing alcohol consumption among college students when compared to alternative interventions or no intervention. Additionally, it was found that potential moderators of motivational interviewing effects included practitioners' adherence to motivational interviewing techniques and individuals' drinking motives. The authors concluded that motivational interviewing is a promising tool that can augment the many existing socio-environmental strategies of health promotion.

Health Promotion

- Stress Management**
- 25 **The Effects of Short-Term Relaxation Therapy on Indices of Heart Rate Variability and Blood Pressure in Young Adults**
 This is a case-control study that randomized 67 male medical students into two groups (control and study). The study group practiced relaxation therapy (shavasana with soothing background music). Analysis of the cardiovascular parameters and spectral indices of heart rate before and after 6 weeks showed that there was significant reduction in heart rate ($p < .01$), systolic pressure ($p < .01$), diastolic pressure ($p < .01$), and rate pressure product ($p < .01$), including improvement in heart rate variability indices following 6 weeks of relaxation therapy. In a regression model, prediction of low and high frequency ratios to blood pressure status was more significant (odds ratio 2.7, $p = .009$) following practice of relaxation therapy in the study group. In contrast, there were no significant changes in these parameters in the control subjects. Authors concluded that short-term practice of relaxation therapy can improve autonomic balance and promote cardiovascular health of medical students.
- Gopal Krushna Pal
Venkata Ganesh
Shannugavel Karthik
Nivedita Nanda
Prasati Pal
- Tobacco Control**
- 29 **Print Media Coverage Around Failed and Successful Tobacco Tax Initiatives: The South Carolina Experience**
 A content analysis of news articles between 2006 and 2010 in four major South Carolina newspapers was done to determine how print media coverage treats tobacco tax initiatives in South Carolina. Three hundred forty-six news articles were analyzed using a coding scheme with good interrater reliability ($\alpha = .90-.1.0$). Results showed that most articles were favorable toward tax initiatives. The authors concluded that media coverage of legislative tobacco tax initiatives in South Carolina was mostly in favor of the tobacco tax. A key limitation is that smaller communities have a greater reliance on tobacco production and thus have more negative media coverage on tobacco control policies. This limitation makes it difficult to determine generalizability of the findings.
- James F. Thrasher
Sei-Hill Kim
India Rose
Ashley Nasar
Mary-Kathryn Craft
Kelly J. Davis
Sharon Biggers
- 37 **Physical Activity Moderates the Association Between Nicotine Dependence and Depression Among U.S. Smokers**
 Past research demonstrates that nicotine dependence and depression are associated and physical activity is effective in reducing depression symptoms. The purpose of this study was to examine whether physical activity moderates the association between nicotine dependence and depression, using a cross-sectional research design that looked at smokers from the National Health and Nutrition Examination Survey 2005–2006. Four hundred forty-one current adult smokers were included in the study. Each participant wore an accelerometer for at least 4 days and completed questionnaires to assess nicotine dependence and depression. Both effect modification and statistical interaction models were used; both were significant. In the statistical interaction model, after controlling for age, gender, race-ethnicity, education, comorbidity, homocysteine, cotinine, total cholesterol, sedentary behavior, and vitamins C, D, and E, objectively measured physical activity moderated the association between nicotine dependence and depression (interaction variable: odds ratio = 3.43). Thus, physical activity moderated the association between nicotine dependence and depression, suggesting that individuals with nicotine dependence who are less physically active are more likely to be depressed than would be expected on the basis of individual effects of nicotine and physical inactivity.
- Paul D. Loprinzi
Jerome F. Walker
Christy Kane
Bradley J. Cardinal
- 43 **Subjective Social Status Predicts Quit-Day Abstinence Among Homeless Smokers**
 This longitudinal study examined whether subjective social status predicted quit-day abstinence among homeless smokers making a quit attempt. Participants were 57 homeless smokers recruited through a transitional homeless shelter. Measures of subjective social status as measured relative to others in the United States and others in the respondent's self-defined community, demographics, and tobacco dependence were measured 1 week prequit. Covariate-adjusted logistic regression analysis revealed that higher rankings on subjective social status as measured relative to others in the United States but not subjective social status as measured relative to others in the community predicted abstinence on the quit day. The measure of subjective social status as measured relative to others in the United States may be useful for screening homeless smokers to identify those in need of additional preparation and intervention prior to initiating a quit attempt.
- Lorraine R. Reitzel
Darla E. Kendzor
Yumei Cao
Michael S. Businelle
- Weight Control**
- 46 **Objectively Measured Sleep Patterns in Young Adult Women and the Relationship to Adiposity**
 Three-hundred thirty young adult women from two Mountain West universities participated in this cross-sectional study to examine the relationship between sleep patterns and adiposity. Measures included (1) monitoring sleep and physical activity, (2) height and weight, and (3) BOD POD for measuring body fat. Regression analysis was used to analyze data. Results showed that women who averaged 8 to 8.5 hours of sleep per night had the lowest percentage of body fat. Women who got less than 6 hours of sleep per night had a mean body fat percentage similar to those who averaged more than 8.5 hours of sleep per night. The authors concluded that inconsistent sleep patterns are related to adiposity. An important limitation was the cross-sectional study design, which does not allow for determination of causation.
- Bruce W. Bailey
Matthew D. Allen
James D. LeCheminant
Larry A. Tucker
William K. Erico
William F. Christensen
Marshall D. Hill
- e43 **Meat Intake Increases Risk of Weight Gain in Women: A Prospective Cohort Investigation**
 This paper examines the extent to which meat consumption influences risk of weight gain in women over 20 months, and also examines the extent to which demographic, lifestyle, and dietary factors influence weight gain. Data are from a prospective cohort of 237 middle-aged women from two metropolitan areas of the Mountain West. Diet was assessed using 7-day weighed food records, and physical activity was measured using accelerometers. Other potential confounders included age; initial body weight; energy intake; percentages of energy from fat, protein, and carbohydrate; dietary fiber intake per 1000 kcal; and time in investigation. Multiple regression, partial correlation, and relative risk were used. Each additional serving (1 oz) of meat consumed at baseline per 1000 kcal was associated with a 1.19-kg gain in weight over time. Controlling for physical activity, fiber, and macronutrient intake, individually, strengthened the relationship. With potential confounders controlled, relative risk of gaining weight (>5 lbs) for women with low meat intake was .36 compared to women with high meat intake.
- Larry A. Tucker
Jared M. Tucker
Bruce Bailey
James D. LeCheminant

*Health Promotion***Strategies**Yea-Wen Lin
Yueh-Yen Line53
@**Culture Change****A Multilevel Model of Organizational Health Culture and the Effectiveness of Health Promotion**

This study applied a multilevel analysis to verify the effects of organizational health culture on organizational and individual effectiveness of health promotion. At the organizational level, the paper looked at organizational health culture's effect on organizational effectiveness of health promotion. At the individual level, the paper adopted cross-level analysis to determine if organizational health culture affects employee effectiveness through the mediating effect of employee health behavior. The paper used 54 enterprises in Taiwan, surveying 20 full-time employees from each organization, for a sample of 1011 employees. An organizational health-culture scale was used to measure employee perceptions and aggregate individual data to formulate organization-level data. Organizational effectiveness of health promotion included four dimensions: planning effectiveness, production, outcome, and quality, all measured by scale or objective indicators. The Health Promotion Lifestyle Scale was adopted for measurement of health behavior. Employee effectiveness was measured subjectively in three dimensions: self-evaluated performance, altruism, and happiness. Hierarchical linear modeling was used to test multilevel hypotheses. Organizational health culture had a significant effect on the planning effectiveness and production of health promotion. Results of cross-level moderating effect analysis demonstrated that effects of organizational health culture on three dimensions of employee effectiveness were completely mediated by health behavior.

Arthur E. Hernandez
Marsha D. Marcus
Kathryn Hirst
Myles S. Faith
Linn Goldberg
Roberto P. Treviño

55

Population Health**Impact of Implementation and Conduct of the HEALTHY Primary Prevention Trial on Student Performance**

This paper examines whether a school-wide intervention program to reduce risk factors for type 2 diabetes affected student achievement, rates of disciplinary actions, and attendance rates. The HEALTHY primary prevention trial was designed to evaluate a comprehensive school-based intervention to reduce factors for type 2 diabetes, especially overweight and obesity. Students were followed from the beginning of sixth grade (fall 2006) through the end of eighth grade (spring 2009). Forty-two middle schools at seven U.S. sites were included. Schools were randomized in equal numbers at each site to intervention (21 schools, 2307 students) or control (21 schools, 2296 students). The intervention was an integrated school-wide program focused on (1) foods and beverages, (2) physical education, (3) classroom-based behavior change and education, and (4) social marketing communication. Descriptive statistics and tests of intervention versus control used mixed linear models methods to adjust for the clustering of students within schools. There were no differences between intervention and control schools in test performance for mathematics ($p = .7835$), reading ($p = .6387$), attendance ($p = .5819$), or referrals for disciplinary action ($p = .8671$).

ApplicationsAmy E. Harley
May Yang
Anne M. Stoddard
Gary Ardamkiewicz
Renée Walker
Reginald D. Tucker-Seeley
Jennifer D. Allen
Glorian Sorensen

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Underserved Populations**Patterns and Predictors of Health Behaviors Among Racially/Ethnically Diverse Residents of Low-Income Housing Developments**

This paper examines behavioral patterns and sociodemographic predictors of diet, inactivity, and tobacco use among residents from low-income housing developments, using a cross-sectional survey study. Households and residents were randomly selected using multistage cluster sampling. Twenty low-income housing developments in the Boston area were used, and 828 residents completed the survey (response rate = 49.3%). Forty-one percent of participants were Hispanic and 38% were non-Hispanic black. Outcomes measured were diet, inactivity, and tobacco use. Predictors measured were age, race/ethnicity, gender, education, country of birth, language spoken, and financial hardship. Logistic regression analyses examined the association of three health behaviors with sociodemographic factors. Age, gender, language spoken, and financial hardship showed significant relationships with all three behaviors. Those who reported less financial hardship (odds ratio = 1.75) were more likely to eat healthier. Residents who spoke no English, or who spoke one language in addition to English, were significantly more likely to report healthier eating (odds ratio = 2.78 and 3.30 respectively) than those who spoke English only. Men were significantly more likely to report less healthy eating (odds ratio = .65) than women.

Erratum

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The Art of Health Promotion

Paul E. Terry

TAHP-1

Editor's Desk: Well-Being and Perceived Organizational Support

Editor's notes on how employees adapt to their work environments and how the best companies adapt to the needs of their employees. Creating culture occurs at every level in an organization, not just at the top.

Paul E. Terry
Robert Eisenberger
Linda Shanock

TAHP-2

An Interview on Perceived Organizational Support and Employee Well-Being With Drs. Robert Eisenberger and Linda Shanock

"Perceived organizational support" holds that increased efforts on the organization's behalf relate to employees' perceptions concerning the extent to which the organization values their contributions and cares about their well-being.

Sarah Monley

TAHP-8

Book Review: *Spark: The Revolutionary New Science of Exercise and the Brain* Written by Dr. John J. Ratey

Dr. Ratey writes, "If you understand what's actually going on up there when you go for a run, you'll develop a genuine motivation to lace up your sneakers every day. I want nothing less than to get you hooked." Wellness practitioners and employers want nothing less for their program participants.

Jessica Grossmeier
Paul E. Terry

TAHP-10

Measuring a Broader Value Proposition: Capturing the Connections Between Health, Well-Being, and Performance

For "four-legged chair"-like stability, an employee health program needs supportive leadership practices, a work environment that supports healthy behaviors, strong alignment between worker values and organizational mission, and policies that align with worker well-being. Is it the case that four legs of equal length and strength are needed to support and provide optimum stability for the best-performing employee?

THE AMERICAN JOURNAL OF PSYCHIATRY

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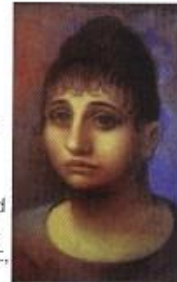
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Portrait of the Young Woman by Jan Zrzavý (1890–1977) illustrates dysphoric aspects of daydreaming. Kesner (p. 929) describes depiction of emotional states by Central European artists in the early 20th century. Image reproduced by permission of the Moravian Gallery in Brno, Czech Republic, and the National Gallery, Prague, Czech Republic. Copyright © National Gallery in Prague 2014.



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L.A. Bazzano, T. Hu, K. Reynolds, L. Yao, C. Bunol, Y. Liu, C.S. Chen, M.J. Klag, P.K. Whelton, and J. He

Low-carbohydrate diets are popular for weight loss, but their cardiovascular effects have not been well-studied, particularly in diverse populations. In this randomized trial, the authors examined the effects of a low-carbohydrate diet compared with a low-fat diet on weight and cardiovascular risk factors in a sample of obese black and white adults. The results suggest that restricting carbohydrates could be an option for persons who are seeking to lose weight and improve cardiovascular risk factors.

Antiretroviral-Free HIV-1 Remission and Viral Rebound After Allogeneic Stem Cell Transplantation. Report of 2 Cases 319

T.J. Henrich, E. Hanhauser, F.M. Marty, M.N. Sirignano, S. Keating, T.H. Lee, Y.P. Robles, B.T. Davis, J.Z. Li, A. Heisey, A.L. Hill, M.P. Busch, P. Armand, R.J. Soiffer, M. Altfeld, and D.R. Kuritzkes

This analysis examined HIV-1 persistence in various tissues from 2 men with HIV who had undetectable HIV-1 after allogeneic hematopoietic stem cell transplantation. HIV had remained undetectable until 12 and 32 weeks after antiretroviral cessation. Rebound viremia and symptoms consistent with the acute retroviral syndrome developed in both patients. Reinitiation of active therapy led to viral decay and resolution of symptoms.

Associations Between Trends in Race/Ethnicity, Aging, and Body Mass Index With Diabetes Prevalence in the United States. A Series of Cross-sectional Studies 328

A. Menke, K.F. Rust, J. Fradkin, Y.J. Cheng, and C.C. Cowie

Diabetes prevalence in the United States has increased in the past several decades. The authors completed a series of cross-sectional studies based on data from nationally representative samples of men and women between 1976 and 2010 to better understand how trends in race/ethnicity, age, and obesity prevalence have contributed to this increase. After adjustment for these factors, diabetes prevalence still increased in men but not women, with body mass index being a substantial contributor.

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Screening for Asymptomatic Carotid Artery Stenosis: A Systematic Review and Meta-analysis for the U.S. Preventive Services Task Force 336

D.E. Jonas, C. Feltner, H.R. Amick, S. Sheridan, Z.J. Zheng, D.J. Watford, J.L. Carter, C.J. Rowe, and R. Harris

Carotid artery stenosis (CAS) can cause ischemic stroke. This systematic review for the U.S. Preventive Services Task Force examined evidence about screening and treating asymptomatic adults for CAS. The authors found that screening with ultrasonography would result in many false-positive results because asymptomatic CAS has low prevalence. They also found that standard medical therapies used to prevent stroke, such as statins and antihypertensive agents, have reduced the rate of stroke in persons with asymptomatic CAS in recent decades.

Fluid Resuscitation in Sepsis. A Systematic Review and Network Meta-analysis 347

B. Rochwerg, W. Alhazzani, A. Sindi, D. Heels-Ansdell, L. Thabane, A. Fox-Robichaud, L. Mbuagbaw, W. Szczeklik, F. Alshamsi, S. Altayyar, W.C. Ip, G. Li, M. Wang, A. Włodarczyk, Q. Zhou, G.H. Guyatt, D.J. Cook, R. Jaeschke, and D. Annane, for the Fluids in Sepsis and Septic Shock Group

This network meta-analysis of trial data examined the effect of different resuscitative fluids on mortality in patients with sepsis. It showed possible higher mortality with starches than with crystalloids and lower mortality with albumin and balanced crystalloids than with saline or starches. Trial designs, populations, and quality were heterogeneous, and estimates of effect, which were derived primarily from indirect comparisons, were sometimes imprecise.

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Screening for Asymptomatic Carotid Artery Stenosis: U.S. Preventive Services Task Force Recommendation Statement 356

M.L. LeFevre, on behalf of the U.S. Preventive Services Task Force

This updated U.S. Preventive Services Task Force recommendation on screening for CAS applies to adults without a history of transient ischemic attack, stroke, or other neurologic signs or symptoms. The Task Force

recommends against screening for asymptomatic CAS in the general adult population.

CME quiz available at www.annals.org

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Rethinking the Use of Physicians as Hired Expert Lecturers 363

J. Avorn

GlaxoSmithKline recently announced that it will no longer hire physicians to lecture prescribers about its products. This commentary discusses possible motivators behind this decision and why physicians should welcome it.

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M.K. Koltov and N.S. Damle

Several initiatives aim to shift our health care system toward a value-based purchasing system to improve the quality of health care. The Centers for Medicare & Medicaid Services (CMS) Physician Quality Reporting System (PQRS) uses a combination of incentive payments and payment adjustments to promote reporting of quality information. This article describes the PQRS and actions that clinicians need to take in 2014 to avoid penalties in CMS reimbursement in 2016.

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S.R. Lewin

In this issue, Henrich and colleagues report on 2 HIV-infected patients who had undetectable virus after hematopoietic stem cell transplantation that returned 12 and 32 weeks after stopping antiretroviral therapy. The editorialist discusses the study and what we have learned about long-term remission of HIV.

Screening for Asymptomatic Carotid Artery Stenosis: Caveat Emptor 370

L.B. Goldstein

In this issue, the U.S. Preventive Services Task Force recommends against screening for asymptomatic CAS.

However, such screenings are offered throughout the United States. The editorialist discusses the recommendation and warns potential consumers of these services to be aware that screening is unlikely to prevent them from having a stroke.

Crystalloids for Fluid Resuscitation in Sepsis: Where Is the Balance? 372

R.P. Dellinger

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S.K. Heysell

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Spinal Manipulation and Home Exercise With Advice for Subacute and Chronic Back-Related Leg Pain. A Trial With Adaptive Allocation 381

G. Bronfort, M.A. Hondras, C.A. Schulz, R.L. Evans, C.R. Long, and R. Grimm

Patients with back-related leg pain are often treated with prescription medications, injections, and surgical approaches, which has led to concern about their overuse, costs, and safety. This randomized trial compared spinal manipulative therapy plus home exercise and advice with home exercise and advice alone for reducing back-related leg pain. It found that spinal manipulative therapy improved self-reported pain and function outcomes more than exercise and advice alone at 12 weeks, but these benefits were not sustained at 52 weeks.

Quality-of-Life Outcomes With Coronary Artery Bypass Graft Surgery in Ischemic Left Ventricular Dysfunction. A Randomized Trial 392

D.B. Mark, J.D. Knight, E.J. Velazquez, J. Wasilewski, J.G. Howlett, P.K. Smith, J.A. Spertus, M. Rajda, R. Yadav, B.L. Hamman, M. Malinowski, A. Naik, G. Rankin, T.M. Harding, L.A. Drew, P. Desvigne-Nickens, and K.J. Anstrom

This randomized trial compared a strategy of routine coronary artery bypass grafting (CABG) with guideline-based medical therapy in patients with ischemic left ventricular dysfunction, a group not represented in earlier clinical trials. It found that CABG plus medical therapy produced clinically important improvements in several health status domains compared with medical therapy alone.

Comparative Effectiveness of Generic and Brand-Name Statins on Patient Outcomes. A Cohort Study 400

J.J. Gagne, N.K. Choudhry, A.S. Kesselheim, J.M. Polinski, D. Hutchins, O.S. Matlin, T.A. Brennan, J. Avorn, and W.H. Shrank

Statins are the most frequently prescribed drugs in the United States, but evidence suggests that patients do not fully adhere to statin therapy. This observational study of a large cohort of Medicare beneficiaries examined whether patients were more adherent to therapy with generic versus brand-name statins and whether this resulted in differences in health outcomes. The results suggest that initiation of a generic statin was associated with lower out-of-pocket costs,

greater adherence to therapy, and improved clinical outcomes.

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M. Butler, E. Ratner, E. McCreedy, N. Shippee, and R.L. Kane

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H.R. Stagg, D. Zenner, R.J. Harris, L. Muñoz, M.C. Lipman, and I. Abubakar

This network meta-analysis of 53 trials addresses the benefits and harms of 15 regimens aimed at preventing active tuberculosis in patients with latent infection. It found that therapies containing rifamycin, given for 3 months or more, were reasonably well-tolerated and efficacious. Such regimens containing rifamycin may be effective alternatives to isoniazid monotherapy.

CME quiz available at www.annals.org

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Nonsurgical Management of Urinary Incontinence in Women: A Clinical Practice Guideline From the American College of Physicians 429

A. Qaseem, P. Dallas, M.A. Forciea, M. Starkey, T.D. Denberg, and P. Shekelle, for the Clinical Guidelines Committee of the American College of Physicians

This American College of Physicians (ACP) guideline on the nonsurgical management of urinary incontinence (UI) in women recommends pelvic floor muscle training in women with stress UI, bladder training in women with urgency UI, and both in women with mixed UI. It also recommends against systemic pharmacologic therapy for stress UI but recommends pharmacologic treatment in women with urgency UI if bladder training was unsuccessful.

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A.J. Vickers, K. Edwards, M.R. Cooperberg, and A.I. Mushlin
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R.S. Wiener
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W. Cullen, P. Murray, and A. Harnett
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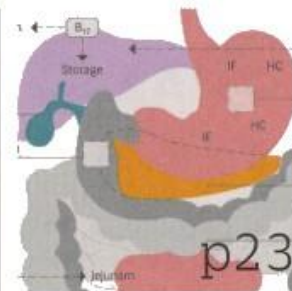
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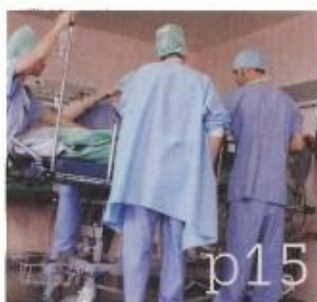
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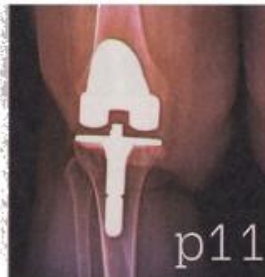
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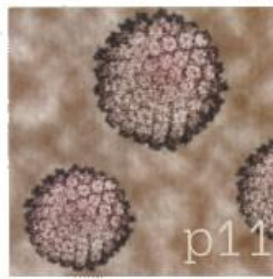
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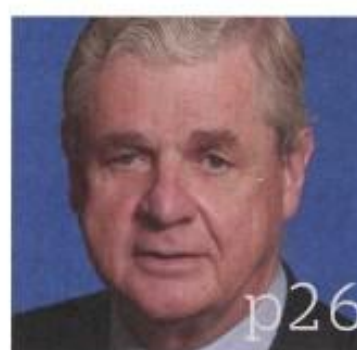
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COVER

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LA REVUE CANADIENNE DU VIEILLISSEMENT

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- Rune Ervik and Tord S. Lindén. *The Making of Ageing Policy: Theory and Practice in Europe*. Northampton, MA: Edward Elgar, 2013.
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2625 CancerScope: Oncology Issues in Focus

Carrie Printz

This news section offers *Cancer* readers timely information on events, public policy analysis, topical issues, and personalities. This edition looks at how targeted therapy in lung cancer is improving survival and quality of life in some patients, and highlights from the American Association of Cancer Research annual meeting.

Published online 20 August 2014

REVIEW ARTICLES

2628 Concept and Viability of Androgen Annihilation for Advanced Prostate Cancer

James L. Mohler

Prostate-specific antigen recurrence after radical prostatectomy signifies minimal residual disease. Early application of short-term more intensive androgen deprivation therapy (androgen annihilation) using newer agents may offer an opportunity for cure.

Published online 25 April 2014

2638 Surgical Management of Localized Soft Tissue Tumors

Alessandro Gronchi, Chiara Colombo, and Chandrajit P. Raut

The surgical approach to soft tissue tumors has undergone significant changes over the past 10 years. A better understanding of the natural history of the different histologic subtypes, the importance of tumor site, and the different sensitivity to available drugs has opened the way to advances in the individualized treatment of most of them.

Published online 17 April 2014

ORIGINAL ARTICLES

Disease Site

Breast Disease

2649 Reduction in Late-Stage Breast Cancer Incidence in the Mammography Era: Implications for Overdiagnosis of Invasive Cancer

Mark A. Helvie, Joanne T. Chang, R. Edward Hendrick, and Mousumi Banerjee

Data from the mammography era have demonstrated evidence of a substantial reduction in late-stage breast cancer when appropriate adjustments are made for prescreening temporal trends. At background annual percent change estimates of $\geq 1\%$, the incidence of total invasive breast cancer also was found to decrease.

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2657 Assessing the Discordance Rate Between Local and Central HER2 Testing in Women With Locally Determined HER2-Negative Breast Cancer

Peter A. Kaufman, Kenneth J. Bloom, Howard Burris, Julie R. Gralow, Musa Mayer, Mark Pegram, Hope S. Rugo, Sandra M. Swain, Denise A. Yardley, Miu Chau, Deepa Lalla, Bongin Yoo, Melissa G. Brammer, and Charles L. Vogel

Breast tumor samples from patients in the VIRGO observational cohort study originally determined to be negative for HER2 (human epidermal growth factor receptor 2) were retested using both immunohistochemistry (IHC) and fluorescence in situ hybridization (FISH) (n=552); of these, 22 (4%) were found to be HER2-positive. Eighteen samples were initially assessed with a single test, and 15 of these were determined to be HER2-positive with the testing methodology (IHC or FISH) not performed initially. These results highlight the value of using multiple tests to assess HER2 status to ensure patients do not forgo potentially efficacious therapy.

Published online 13 June 2014

Gastrointestinal Disease

2665 A Randomized Controlled Trial of a Multiple Health Behavior Change Intervention Delivered to Colorectal Cancer Survivors: Effects on Sedentary Behavior

Brigid M. Lynch, Kerry S. Courneya, Parneet Sethi, Tania A. Patrao, and Anna L. Hawkes

The *CanChange* intervention (a telephone-delivered multiple health behavior change intervention) was found to have a potentially meaningful, but nonsignificant, effect on total sedentary time. Significant differences in some subgroup analyses were observed.

Published online 9 May 2014

2673 High-Risk Human Papillomavirus Infection Associated With Telomere Elongation in Patients With Esophageal Squamous Cell Carcinoma With Poor Prognosis

Dong-Hong Zhang, Jiong-Yu Chen, Chao-Qun Hong, De-Qing Yi, Fei Wang, and Wei Cui

A previous study from the authors indicated that infection with high-risk human papillomavirus types 16, 18, and 58 was a risk factor for esophageal squamous cell carcinoma in the Shantou region of China. In the current study, the authors found that high-risk human papillomavirus infection and integration related to long telomere length and DNA methylation may be a potential biomarker of prognosis in patients with esophageal squamous cell carcinoma.

Published online 19 May 2014

Genitourinary Disease

2684 A Randomized Phase 2 Trial of Gemcitabine/Cisplatin With or Without Cetuximab in Patients With Advanced Urothelial Carcinoma

Maha Hussain, Stephanie Daignault, Neeraj Agarwal, Petros D. Grivas, Arlene O. Siefker-Radtke, Igor Puzanov, Gary R. MacVicar, Ellis Glenn Levine, Sandy Srinivas, Przemyslaw Twardowski, Mario A. Eisenberger, David I. Quinn, Ulka N. Vaishampayan, Evan Y. Yu, Scott Dawsey, Kathleen C. Day, Mark L. Day, Mahmoud Al-Hawary, and David C. Smith

The combination of cetuximab and gemcitabine/cisplatin is feasible. The combination does not appear to improve response rates in patients with advanced urothelial carcinoma.

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- 2694 Treatment of Advanced Thyroid Cancer With Axitinib: Phase 2 Study With Pharmacokinetic/Pharmacodynamic and Quality-of-Life Assessments
Laura D. Locati, Lisa Licitra, Laura Agate, Sai-Hong I. Ou, Andree Boucher, Barbara Jarzab, Shukui Qin, Madeleine A. Kane, Lori J. Wirth, Connie Chen, Sinil Kim, Antonella Ingrosso, Yazdi K. Pithavala, Paul Bycott, and Ezra E. W. Cohen
This phase 2 trial confirms the clinical activity and favorable safety profile of axitinib in patients with advanced thyroid cancer. Pharmacokinetic/pharmacodynamic analyses suggest that patients with greater axitinib exposure may have longer progression-free survival, and an assessment of patient-reported outcomes indicates that quality of life is maintained during axitinib therapy.
Published online 20 May 2014
- 2704 Diet and Proinflammatory Cytokine Levels in Head and Neck Squamous Cell Carcinoma
Anna E. Arthur, Karen E. Peterson, Jincheng Shen, Zora Djuric, Jeremy M. G. Taylor, James R. Hebert, Sonia A. Duffy, Lisa A. Peterson, Emily L. Bellile, Joel R. Whitfield, Douglas B. Chepeha, Matthew J. Schipper, Gregory T. Wolf, and Laura S. Rozek
Consuming a pretreatment diet rich in vegetables, fruit, fish, poultry, and whole grains may be associated with lower proinflammatory cytokine levels in patients with head and neck cancer.
Published online 15 May 2014

Neuro-oncology

- 2713 Patterns of Presentation and Failure in Patients With Gliomatosis Cerebri Treated With Partial-Brain Radiation Therapy
Shravan Kandula, Amit M. Saindane, Roshan S. Prabhu, Sheela Hanasoge, Kirtesh R. Patel, Hui-Kuo Shu, Walter J. Curran, and Ian R. Crocker
In patients with gliomatosis cerebri who were treated with partial-brain radiation therapy, nearly all recurrences were infield and clinical outcomes were similar to historical series, thereby suggesting that whole-brain radiation therapy is not necessary for this patient population. A greater number of involved lobes also did not appear to correlate with inferior outcomes.
Published online 20 May 2014

Discipline

Disparities Research

- 2721 Decisional Conflict in Economically Disadvantaged Men With Newly Diagnosed Prostate Cancer: Baseline Results From a Shared Decision-Making Trial
Alan L. Kaplan, Catherine M. Crespi, Josemanuel D. Saucedo, Sarah E. Connor, Mark S. Litwin, and Christopher S. Saigal
In economically disadvantaged men with newly diagnosed prostate cancer, a poor understanding of the disease is associated with personal conflict surrounding the treatment decision. Targeted educational interventions may mitigate the decisional burden.

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Epidemiology

- 2728 Increase in Testicular Germ Cell Tumor Incidence Among Hispanic Adolescents and Young Adults in the United States

Franklin L. Chien, Stephen M. Schwartz, and Rebecca H. Johnson

There has been a recent, substantial increase in testicular germ cell tumor incidence among Hispanic adolescents and young adults in the United States. Similar trends are not observed in non-Hispanic whites.

Published online 14 July 2014

- 2735 Risk of Second Primary Tumors in Men Diagnosed With Prostate Cancer: A Population-Based Cohort Study

Elizabeth J. Davis, Jennifer L. Beebe-Dimmer, Cecilia L. Yee, and Kathleen A. Cooney

Men diagnosed with prostate cancer have a high 10-year relative survival rate, which raises questions about the need for surveillance for secondary cancers. Although the overall risk for secondary malignancies in this cohort is lower than that in the US general population, these patients have a greater likelihood of being diagnosed with bladder, kidney, and soft tissue cancers.

Published online 19 May 2014

Outcomes Research

- 2742 Lifestyle and Metabolic Syndrome in Adult Survivors of Childhood Cancer: A Report From the St. Jude Lifetime Cohort Study

Webb A. Smith, Chenghong Li, Kerri A. Nottage, Daniel A. Mulrooney, Gregory T. Armstrong, Jennifer Q. Lancot, Wassim Chemaitilly, Joseph H. Laver, Deo Kumar Srivastava, Leslie L. Robison, Melissa M. Hudson, and Kirsten K. Ness

Survivors of childhood cancer are at an increased risk of developing metabolic syndrome, which may be reduced with lifestyle modifications. Adherence to a heart-healthy lifestyle is associated with a lower risk of metabolic syndrome among survivors of childhood cancer.

Published online 28 July 2014

Pediatric Oncology

- 2751 Inferior Survival Among Aboriginal Children With Cancer in Ontario

Stacey Marjerrison, Jason D. Pole, and Lillian Sung

In the first study to report Canadian Aboriginal childhood cancer outcomes, approximately 15% lower survival is demonstrated among Aboriginal versus non-Aboriginal children in Ontario. Because baseline characteristics, the times to diagnosis and treatment, the presence of metastasis, nutritional status, and treatment approach do not differ according to Aboriginal ethnicity, socioeconomic disparity does not appear to be driving the outcome discrepancy, as commonly postulated in the literature.

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Radiation Oncology

- 2760 Extreme Heterogeneity of Myeloablative Total Body Irradiation Techniques in Clinical Practice: A Survey of the Acute Leukemia Working Party of the European Group for Blood and Marrow Transplantation

Sebastian Giebel, Leszek Miszczuk, Krzysztof Slosarek, Leila Moukhtari, Fabio Ciceri, Jordi Esteve, Norbert-Claude Gorin, Myriam Labopin, Arnon Nagler, Christoph Schmid, and Mohamad Mohty

Results of the current survey analysis indicate that total body irradiation is an extremely heterogeneous treatment modality. The differences between treatment centers may influence both the efficacy and toxicity of the procedure.

Published online 7 May 2014

Translational Research

- 2766 Coexpression of CD44-Positive/CD133-Positive Cancer Stem Cells and CD204-Positive Tumor-Associated Macrophages Is a Predictor of Survival in Pancreatic Ductal Adenocarcinoma

Ya-Chin Hou, Ying-Jui Chao, Hui-Ling Tung, Hao-Chen Wang, and Yan-Shen Shan

The clinical significance of pancreatic cancer stem cells and tumor-associated macrophages is explored in patients with pancreatic ductal adenocarcinoma. The results clearly demonstrate that coexpression of 2 cancer stem cell markers (CD44 and CD133) and a tumor-associated macrophage marker (CD204) is a useful prognostic factor for predicting the survival of patients with pancreatic ductal adenocarcinoma after surgery.

Published online 19 May 2014

CORRESPONDENCE

- 2778 Comparative Analysis of *GATA3* Mutation Profiles Between Asian and Western Patients With Breast Cancer: Is There Really a Difference?

Natasha Chandiramani and Paraic A. Kenny

Published online 4 June 2014

- 2779 Reply to Comparative Analysis of *GATA3* Mutation Profiles Between Asian and Western Patients With Breast Cancer: Is There Really a Difference?

Wenjia Zuo, Keda Yu, and Zhimin Shao

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2781 CancerScope: Oncology Issues in Focus

Carrie Printz

This news section offers *Cancer* readers timely information on events, public policy analysis, topical issues, and personalities. This edition looks at ways researchers are using nanotechnology to diagnose and treat cancer, and the results of a new study that show how aspirin may lower the risk of colorectal cancer in specific cases.

Published online 4 September 2014

COMMENTARIES

2784 Failure of Researchers, Reviewers, Editors, and the Media to Understand Flaws in Cancer Screening Studies: Application to an Article in *Cancer*

Donald A. Berry

Evidence from randomized trials makes it clear that mammographic screening is an important option for women who are truly and fully informed about its benefits and risks. Promoting the benefits of screening based on misleading and flawed publications weakens its scientific basis and confuses the public.

See also pages 2792-9, 2800-2, and 2839-46.

Published online 12 June 2014

2792 The 20-Year Effort to Reduce Access to Mammography Screening: Historical Facts Dispute a Commentary in *Cancer*

Daniel B. Kopans, Matthew L. Webb, and Blake Cady

Scientifically unsupported arguments have made their way into the literature and continue to confuse the public and their physicians with regard to the value of mammography screening. The long history of misinformation that has developed in the effort to reduce access to screening is addressed along with the issues raised concerning the authors' recent article in this journal.

See also pages 2784-91, 2800-2, and 2839-46.

Published online 12 June 2014

EDITORIALS

2800 Breast Cancer Screening: Time for Rational Discourse

Otis W. Brawley and Ruth M. O'Regan

Breast cancer screening has limitations, but most of the evidence demonstrates that it saves lives. Women still should be encouraged to have screening mammograms but also should be made aware of their limitations.

See also pages 2784-91, 2792-9 and 2839-46.

Contents

2803 On the Effect of Setting of a Positive Surgical Margin in Soft Tissue Sarcoma

Robert J. Grimer

Local control in soft tissue sarcomas can be achieved with a high probability in most patients. A planned positive margin can also lead to a low rate of local recurrence with appropriate adjuvants. See also pages 2866-75.

Published online 3 June 2014

2806 Multiparametric MRI for Prostate Cancer: Seeing Is Believing

Christopher A. Warlick

Salami and colleagues present an evaluation of multiparametric magnetic resonance imaging (MRI) combined with MRI/ultrasound fusion prostate biopsies compared with the Prostate Cancer Prevention Trial High-Grade nomogram to predict the presence of clinically significant disease in a largely referral-based population of men. Their report echoes a growing chorus of studies suggesting the ability of MRI and image-guided biopsies to improve the identification of men with clinically significant disease.

See also pages 2876-82.

Published online 10 June 2014

2810 The Impact of Colorectal Cancer Screening on the US Population: Is it Time to Celebrate?

Chyke A. Doubeni

Increasing use of screening has contributed to a substantial decline in the incidence of colorectal cancer in the United States. However, more attention needs to be focused on improving access to screening for underserved populations to further advance the public health goal of reducing the burden of colorectal cancer on the US population.

See also pages 2893-901.

Published online 3 June 2014

REVIEW ARTICLES

2814 Gastroenteropancreatic High-Grade Neuroendocrine Carcinoma

Halldan Sorbye, Jonathan Strosberg, Eric Baudin, David S. Klimstra, and James C. Yao

High-grade gastroenteropancreatic neuroendocrine carcinoma is a very aggressive disease, and its diagnosis and treatment remain huge challenges for clinicians. Recent results question the current World Health Organization classification, indicating that current treatment strategies are not optimal and likely will change in clinical practice.

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- 2824 The Clinical Management of Hepatocellular Carcinoma in the United States, Europe, and Asia: A Comprehensive and Evidence-Based Comparison and Review
Zhi Ven Fong and Kenneth K. Tanabe
There is vast heterogeneity in management strategies for hepatocellular carcinoma given the involvement of multidisciplinary specialties in the holistic care of the patient. Recommendations from international guidelines are influenced by geographic differences in the prevalence and biology of the disease and by available resources.
Published online 4 June 2014

ORIGINAL ARTICLES

Disease Site

Breast Disease

- 2839 A Failure Analysis of Invasive Breast Cancer: Most Deaths From Disease Occur in Women Not Regularly Screened
Matthew L. Webb, Blake Cady, James S. Michaelson, Devon M. Bush, Katherina Zabicki Calvillo, Daniel B. Kopans, and Barbara L. Smith
Most deaths from breast cancer occur in women not mammographically screened. To maximize life years gained and mortality reduction from breast cancer, screening should be considered before age 50.
See also pages 2784-91, 2792-9, and 2800-2.
Published online 9 September 2013
- 2847 Physical Activity and Survival of Postmenopausal, Hormone Receptor–Positive Breast Cancer Patients: Results of the Tamoxifen Exemestane Adjuvant Multicenter Lifestyle Study
Nienke A. de Glas, Duveken B. Y. Fontein, Esther Bastiaannet, Anouk Pijpe, Anton J. M. De Craen, Gerrit-Jan Liefers, Hans J. W. R. Nortier, Hanneke J. C. J. M. de Haes, Cornelis J. H. van de Velde, and Flora E. van Leeuwen
This study shows improved survival in patients who are active before and after their diagnosis, especially in older patients, although breast cancer survival and the risk of recurrence are not significantly associated with physical activity. These findings confirm the need for more studies investigating the use of physical activity to supplement breast cancer treatment in older patients.

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Gastrointestinal Disease

- 2855 Implications of Inadequate Lymph Node Staging in Resectable Gastric Cancer: A Contemporary Analysis Using the National Cancer Data Base

Jashodeep Datta, Russell S. Lewis, Jr, Ronac Mamtani, Diana Stripp, Rachel R. Kelz, Jeffrey A. Drebin, Douglas L. Fraker, Giorgos C. Karakousis, and Robert E. Roses

Compliance with lymph node staging guidelines for resectable gastric cancer in the United States is poor. In a contemporary cohort, inadequate lymph node staging was independently associated with worse overall survival.

Published online 22 May 2014

Soft Tissue and Bone Sarcoma

- 2866 The Effect of the Setting of a Positive Surgical Margin in Soft Tissue Sarcoma

Patrick W. O'Donnell, Anthony M. Griffin, William C. Eward, Amir Sternheim, Charles N. Catton, Peter W. Chung, Brian O'Sullivan, Peter C. Ferguson, and Jay S. Wunder

After resection of soft tissue sarcoma with positive margins, oncologic outcomes can be predicted based on the clinical context. Sparing adjacent critical structures in this setting is safe and contributes to improved functional outcomes.

See also pages 2803-5.

Published online 3 June 2014

Discipline

Diagnostic Imaging

- 2876 Multiparametric Magnetic Resonance Imaging Outperforms the Prostate Cancer Prevention Trial Risk Calculator in Predicting Clinically Significant Prostate Cancer

Simpa S. Salami, Manish A. Vira, Baris Turkbey, Mathew Fakhoury, Oksana Yaskiv, Robert Villani, Eran Ben-Levi, and Ardeshtir R. Rastinehad

Multiparametric magnetic resonance imaging of the prostate outperforms the Prostate Cancer Prevention Trial risk calculator in predicting clinically significant prostate cancer. This imaging modality represents an improved paradigm for identifying which men at risk of prostate cancer should be referred for biopsy.

See also pages 2806-9.

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Epidemiology

2883 US Lung Cancer Trends by Histologic Type

Denise Riedel Lewis, David P. Check, Neil E. Caporaso, William D. Travis, and Susan S. Devesa

This analysis of lung cancer trends by histologic type represents a fresh classification of lung cancer histology and reveals several new incidence trends by sex and race/ethnicity. This new analysis by histologic type is important in the context of molecular-based diagnosis and should inform additional research that will direct therapy appropriate to the specific lung cancer type.

Published online 11 August 2014

2893 Estimating the Magnitude of Colorectal Cancers Prevented During the Era of Screening: 1976 to 2009

Daniel X. Yang, Cary P. Gross, Pamela R. Soulos, and James B. Yu

There has been a significant decline in colorectal cancer incidence, in particular for late-stage disease, during a time of increasing rates of screening. An estimated 550,000 cases of colorectal cancers have been prevented over the past 3 decades because of increased screening in the United States.

See also pages 2810-3.

Published online 3 June 2014

Outcomes Research

2902 Ambulatory Cancer and US General Population Reference Values and Cutoff Scores for the Functional Assessment of Cancer Therapy

Timothy Pearman, Betina Yanez, John Peipert, Katy Wortman, Jennifer Beaumont, and David Cella

This study provides 1) reference values from a sample of the general US adult population and a sample of adults diagnosed with cancer and 2) cutoff scores for quality of life for the Functional Assessment of Cancer Therapy-General (FACT-G) and the 7-item FACT-G7. These data will aid researchers and oncologists with interpreting the magnitude and meaning of their own findings on 2 FACT measures and allow for comparisons of scores across groups in trials.

Published online 22 May 2014

2910 Sarcopenia in Patients With Bladder Cancer Undergoing Radical Cystectomy: Impact on Cancer-Specific and All-Cause Mortality

Sarah P. Psutka, Alonso Carrasco, Grant D. Schmit, Michael R. Moynagh, Stephen A. Boorjian, Igor Frank, Suzanne B. Stewart, Prabin Thapa, Robert F. Tarrell, John C. Cheville, and Matthew K. Tollefson

Sarcopenia or skeletal muscle wasting is associated with increased cancer-specific and all-cause mortality in patients with urothelial cancer of the bladder who are treated with radical cystectomy. In the current study, the authors found that the presence of sarcopenia significantly increases a patient's risk of cancer-specific and all-cause mortality after radical cystectomy.

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Quality of Life

- 2919 Associations of Objectively Assessed Physical Activity and Sedentary Time With Health-Related Quality of Life Among Colon Cancer Survivors

Jeff K. Vallance, Terry Boyle, Kerry S. Courneya, and Brigid M. Lynch

This study is one of the first to demonstrate significant and meaningful associations of objectively assessed physical activity with health-related quality of life and fatigue among cancer survivors. Associations were not observed for sedentary time.

Published online 4 June 2014

Supportive Care

- 2927 Factors Associated With High Burden in Caregivers of Older Adults With Cancer

Tina Hsu, Matthew Loscalzo, Rupal Ramani, Stephen Forman, Leslie Popplewell, Karen Clark, Vani Katheria, Tao Feng, Rex Strowbridge, Redmond Rinehart, Dan Smith, Keith Matthews, Jeff Dillehunt, and Arti Hurria

Caregiver burden is common among individuals who care for older adults with cancer. High burden is more likely in caregivers of older adults who are employed and who care for individuals who require increased assistance.

Published online 4 June 2014

CORRESPONDENCE

- 2936 A Failure Analysis of Invasive Breast Cancer: Most Deaths From Disease Occur in Women Not Regularly Screened

Jean Pierre Spinosa, Catherine Riva, Philippe Autier, Philippe Nicot, and Bernard Junod

Published online 18 December 2013

- 2937 Reply to A Failure Analysis of Invasive Breast Cancer: Most Deaths From Disease Occur in Women Not Regularly Screened

Matthew L. Webb, Daniel B. Kopans, and Blake Cady

Published online 18 December 2013



On the cover: *Mumps*, oil on carton, Oreillons, 1892-93, by Édouard Vuillard (French, 1869–1940). Van Gogh Museum, Amsterdam, The Netherlands (purchased with support from the BankGiro Lottery). Reproduced with permission.

As a member of the group of artists called the Nabis, Édouard Vuillard (1869–1940) was on the cutting edge of French painting of the 1890s, in which art emphasized flatness, pattern, and color, focusing on a psychological impression, rather than a visual representation. The Nabis often cropped a design, thus increasing its intensity, a concept that may have derived from photography or from basic decorative patterning. Vuillard frequently depicted his mother or his sister in ordinary domestic interiors, often so surrounded by geometric and floral wallpaper and fabrics that they appeared almost engulfed.

Mumps (1892–93) likely depicts the artist's sister, Marie, who has a dotted scarf wrapped around her face to hide the characteristic swelling from the disease, but the scarf's pattern, and that of the whole room, also provide an effective disguise. The rather stuffy interior and the masking provided by the scarf indicate the adult sufferer's awareness of her transient disfigurement, and her need for concealment. All the patterning also reflects Vuillard's ideas, as the son of a dressmaker, that women were transformed by color and design.

[Mary & Michael Grizzard, Cover Art Editors]

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ARTICLES AND COMMENTARIES

615 Risk of Pneumococcal Disease in Children With Chronic Medical Conditions in the Era of Pneumococcal Conjugate Vaccine

Stephen I. Pelton, Derek Weycker, Raymond A. Farkouh, David R. Strutton, Kimberly M. Shea, and John Edelsberg

Children with previously identified at-risk/high-risk conditions remain at elevated risk of pneumococcal disease in the era of widespread use of pneumococcal conjugate vaccine. Children with multiple at-risk conditions or moderate/severe asthma also are at elevated risk and warrant consideration for immunoprophylaxis.

624 *Pseudomonas aeruginosa* Phenotypes Associated With Eradication Failure in Children With Cystic Fibrosis

Nicole Mayer-Hamblett, Bonnie W. Ramsey, Hemantha D. Kulasekara, Daniel J. Wolter, Laura S. Houston, Christopher E. Pope, Bridget R. Kulasekara, Catherine R. Armbruster, Jane L. Burns, George Retsch-Bogart, Margaret Rosenfeld, Ronald L. Gibson, Samuel J. Miller, Umer Khan, and Lucas R. Hoffman

We measured in vitro phenotypes of early *Pseudomonas aeruginosa* isolates from children with cystic fibrosis in an antibiotic eradication therapy trial. Isolates frequently exhibited phenotypes associated with chronic adaptation. Two phenotypes were correlated with failure to eradicate, representing promising candidate markers.

632 Editorial Commentary: How Can Understanding the Phenotype of *Pseudomonas aeruginosa* Lead to More Successful Eradication Strategies in Cystic Fibrosis?

Valerie Waters

635 Detection of *Rickettsia rickettsii*, *Rickettsia parkeri*, and *Rickettsia akari* in Skin Biopsy Specimens Using a Multiplex Real-time Polymerase Chain Reaction Assay

Amy M. Denison, Bijal D. Amin, William L. Nicholson, and Christopher D. Paddock

Multiplex real-time polymerase chain reaction (PCR) demonstrates greater sensitivity than nested PCR in formalin-fixed, paraffin-embedded tissues and provides an effective method to specifically identify cases of Rocky Mountain spotted fever, rickettsialpox, and *Rickettsia parkeri* rickettsiosis by using skin biopsy specimens.

643 Reflexive Culture in Adolescents and Adults With Group A Streptococcal Pharyngitis

Tanis C. Dingle, April N. Abbott, and Ferric C. Fang

Current clinical and laboratory guidelines for the diagnosis of group A streptococcal pharyngitis in adults are conflicting. We found that culturing samples from adults with negative rapid antigen detection tests identified additional individuals who can benefit from treatment.

651 Outbreak of Invasive *Streptococcus pneumoniae* Serotype 12F Among a Marginalized Inner-City Population in Winnipeg, Canada, 2009–2011

Erin Schillberg, Michael Isaac, Xianding Deng, Gisele Peirano, John L. Wylie, Paul Van Caesele, Dylan R. Pillai, Hasantha Sinnock, and Salaheddin M. Mahmud

In 2010, Winnipeg, Canada, experienced an outbreak of serotype 12F invasive pneumococcal disease. Epidemiological and microbiological analysis found that, compared with other serotypes, persons with serotype 12F were more likely to be homeless and to engage in substance abuse.

658 Outbreak of Hepatitis E in Urban Bangladesh Resulting in Maternal and Perinatal Mortality

Emily S. Gurley, M. Jahangir Hossain, Repon C. Paul, Hossain M. S. Sazzad, M. Saiful Islam, Shahana Parveen, Labib I. Faruque, Mushtaq Husain, Khorshed Ara, Yasmin Jahan, Mahmudur Rahman, and Stephen P. Luby

A large outbreak of hepatitis E occurred in urban Bangladesh during 2008–2009, resulting in increased maternal and neonatal mortality in the affected community. Case-patients who took paracetamol during their illness were more likely to die than other case-patients.

666 Vancomycin Exposure in Patients With Methicillin-Resistant *Staphylococcus aureus* Bloodstream Infections: How Much Is Enough?

Thomas P. Lodise, George L. Drusano, Evan Zasowski, Amanda Dihmess, Victoria Lazaru, Leon Cosler, and Louise-Anne McNutt

Using a valid Bayesian method to estimate vancomycin exposure profiles, the findings establish the critical importance of area under the curve to minimum inhibitory concentration ratios during the first two days of therapy for patients with MRSA bloodstream infections.

676 Lyme Disease Testing by Large Commercial Laboratories in the United States

Alison F. Hinckley, Neeta P. Connally, James I. Meek, Barbara J. Johnson, Melissa M. Kemperman, Katherine A. Feldman, Jennifer L. White, and Paul S. Mead

Large commercial laboratories in the United States were surveyed to determine Lyme disease testing frequency, practices, and results. Approximately 3.4 million tests were conducted in 2008; 62% in accordance with recommendations. We estimate that 288 000 infections occurred among 2.4 million patients from whom samples were submitted.

BRIEF REPORT

682 Etiology of Severe Childhood Pneumonia in The Gambia, West Africa, Determined by Conventional and Molecular Microbiological Analyses of Lung and Pleural Aspirate Samples

Stephen R. C. Howie, Gerard A. J. Morris, Rafal Tokarz, Bernard F. Ebruke, Eunice M. Machuka, Readon C. Ideh, Osaretin Chimah, Ousman Secka, John Townsend, Michel Dione, Claire Oluwalana, Malick Njie, Mariatou Jallow, Philip C. Hill, Martin Antonin, Brian Greenwood, Thomas Biese, Kim Mulholland, Tumani Corrah, W. Ian Lipkin, and Richard A. Adegbola

686 Editorial Commentary: Molecular Diagnosis of Child Pneumonia: High Yield, Uncertain Specificity

Stephen M. Graham

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688 A 70-Year-Old Kidney Transplant Recipient Presenting With Persistent Leg Cellulitis

(Answer on pages 745–6.)

INVITED ARTICLES

689 VIRAL HEPATITIS A Systematic Review of Hepatitis E Virus Infection in Children

Valsan Philip Verghese and Joan L. Robinson

A systematic review was conducted of the epidemiology, clinical and laboratory features, and outcome of hepatitis E virus infection in children.

698 ANTIMICROBIAL RESISTANCE Antimicrobial Resistance and Susceptibility Testing of Anaerobic Bacteria

Audrey N. Schuetz

Resistance of anaerobic bacteria to certain classes of antibiotics is increasing globally. Resistance trends vary by geographic region and often vary between species. Susceptibility testing of anaerobes is important in directing appropriate antibiotic therapy.

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706 Drug Susceptibility and Resistance Mutations After First-Line Failure in Resource Limited Settings

Carole L. Wallis, Evgenia Aga, Heather Ribaud, Shanmugam Saravanan, Michael Norton, Wendy Stevens, Nagalingeswaran Kumarasamy, John Bartlett, and David Katzenstein; on behalf of the A5230 team

We describe drug resistance and levels of susceptibility after first-line virologic failure in patients with several subtypes. High-level nucleoside and nonnucleoside reverse transcriptase inhibitor resistance was noted. Associations between resistance patterns and screening viral load, CD4 cell count, and site were observed.

716 Renal Function of Participants in the Bangkok Tenofovir Study—Thailand, 2005–2012

Michael Martin, Suphak Vanichseni, Pravan Suntharasamai, Udomsak Sangkum, Philip A. Mock, Roman J. Gvetadze, Marcel E. Curlin, Manoj Leethochawalit, Sithisat Chiamwongpaet, Thitima Cherdtrakuliat, Rapeepan Anekvorapong, Wanna Leelawiwat, Nattlada Chantharajwong, Janet M. McNicholl, Lynn A. Paxton, Somyot Kittimunkong, and Kachit Choopanya, for the Bangkok Tenofovir Study Group

In this human immunodeficiency virus preexposure prophylaxis trial among 2413 people who inject drugs followed for up to 60 months, daily use of tenofovir was associated with small decreases in creatinine clearance that were reversible once tenofovir was stopped.

725 Enhanced Personal Contact With HIV Patients Improves Retention in Primary Care: A Randomized Trial in 6 US HIV Clinics

Lytt I. Gardner, Thomas P. Giordano, Gary Marks, Tracey E. Wilson, Jason A. Caw, Mari-Lynn Drainoni, Jeanne C. Keruly, Allan E. Rodriguez, Faye Malitz, Richard D. Moore, Lucy A. Bradley-Springer, Susan Holman, Charles E. Rose, Sonali Girde, Meg Sullivan, Lisa R. Metsch, Michael Saag, and Michael J. Mugavero, for the Retention in Care Study Group

The intervention tested in the Retention in Care Study demonstrated improvement in retention in human immunodeficiency virus care. Enhanced personal contact with or without additional behavioral skills training significantly improved visit constancy and visit adherence over 12 months.

735 Methadone Treatment for HIV Prevention—Feasibility, Retention, and Predictors of Attrition in Dar es Salaam, Tanzania: A Retrospective Cohort Study

Barot H. Lambdin, Frank Masao, Olivia Chang, Pamela Kaduri, Jessie Mbwambo, Ayoub Magimba, Norman Sabuni, and R. Douglas Bruce

Patient retention within the first publicly funded methadone program on the sub-Saharan Africa mainland is comparable to that in North America, Europe, and Asia. Optimized retention strategies include higher doses and strengthened support for clients at risk of attrition.

743 Editorial Commentary: Successful Methadone Delivery in East Africa and Its Global Implications

Andy Guise, Michel Kazatchkine, Tim Rhodes, and Steffanie A. Strathdee

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747 Pathogenesis of Post-Lyme Disease Symptoms

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747 Reply to Seligman et al

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748 First Evidence of H10N8 Avian Influenza Virus Infections among Feral Dogs in Live Poultry Markets in Guangdong Province, China

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750 Antibiotic Susceptibility of Common Pediatric Uropathogens in the United States

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752 Data on Whole-Genome Sequencing Are Insufficient to Rule Out Patient-to-Patient Transmission as a Significant Source of *Staphylococcus aureus* Acquisition in an Intensive Care Unit

John P. Mills and Darren R. Linkin, for the Prevention Epicenter Program, Centers for Disease Control and Prevention

752 Reply to Mills and Linkin

James R. Price, Tanya Golubchik, Daniel J. Wilson, Derrick W. Crook, A. Sarah Walker, Timothy E. A. Peto, John Paul, and Martin J. Llewelyn

753 Disengagement Does Not Apply to Bacteria: A High Carriage Rate of Antibiotic-Resistant Pathogens Among Syrian Civilians Treated in Israeli Hospitals

Avi Peretz, Kozitta Labay, Zeev Zonis, and Daniel Gilkman

RETRACTION NOTICE

e72 Pickering AJ et al (Clin Infect Dis 2014; doi:10.1093/cid/ciu149)

ELECTRONIC ARTICLE

e73 Cutaneous Leishmaniasis in North Dakota

Miltiadis Douvogiannis, Tamim Khomachou, Norman Byers, James Hargreaves, and Henry W. Murray

In the United States, autochthonous cutaneous leishmaniasis caused by infection with *Leishmania mexicana* has been reported from Texas and Oklahoma. Here, we describe a child with 2 new features: cutaneous infection acquired outside of the south-central United States (in North Dakota) and infection caused by *Leishmania donovani* species complex.

The electronic article listed above is freely available in this issue of *Clinical Infectious Diseases* online (<http://cid.oxfordjournals.org/content/current>).

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- 893 **Good health requires a healthy mouth: improving the oral health of Canada's seniors.** A lack of dental coverage has serious health implications for older Canadians, which puts them at higher risk for both dental and systemic disease.
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- 895 **New medical marijuana regulations: the coming storm.** Physicians urgently need prescribing guidelines to help them understand the evidence, to counsel patients and to know when and how to prescribe cannabis.
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- 897 **Medicinal cannabis: Time to lighten up?** Many drugs that might be prescribed instead of cannabis are not themselves supported by robust evidence of benefits exceeding harms.
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- 912 **Lifestyle factors as predictors of nonadherence to statin therapy among patients with and without cardiovascular comorbidities.** People with cardiovascular comorbidities who have risky drinking behaviours or lifestyle may be at increased risk of nonadherence.
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- 913 **Body size and physical activity in relation to incidence of chronic obstructive pulmonary disease.** Obesity, in particular abdominal adiposity, may be associated with an increased risk of COPD.
G. Behrens, C.E. Matthews, S.C. Moore, A.R. Hollenbeck, M.F. Leitzmann

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No word for pain: how Mi'kmaq children express pain

Trends in the incidence of HPV-related cervical and noncervical cancers

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- 917 **Management of Bell palsy: clinical practice guideline.** Unless contraindicated, corticosteroids should be given to all patients with Bell palsy; antivirals may be considered for patients with severe to complete paresis. *J.R. de Almeida, G.H. Guyatt, S. Sud, J. Dorion, M.D. Hill, M.R. Kolber, J. Lea, S. Loong, B.K. Somogyi, B.D. Westerberg, C. White, J.M. Chen (Bell Palsy Working Group, Canadian Society of Otolaryngology – Head and Neck Surgery and Canadian Neurological Sciences Federation)*

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- 927 **A 52-year-old woman with a positive tuberculin skin test.** A 52-year-old woman with end-stage renal disease secondary to diabetes requires hemodialysis. She immigrated to Canada two years prior and had never been tested for TB. *V.J. Redditt, P.E. Bunce*

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- 929 **Progressive thrombocytopenia after cardiac surgery in a 67-year-old man.** A patient who had undergone uncomplicated bioprosthetic replacement of the aortic valve and coronary artery bypass grafting presented with transient postoperative thrombocytopenia, followed by a second decline in platelet count. *I. Kopolovic, T.E. Warkentin*

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- 934 **Noninvasive prenatal testing from cell-free DNA.** Noninvasive prenatal testing uses a maternal blood sample to screen for specific fetal chromosomal aneuploidies. *C.M. Armour, S.M. Nikkel*

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- 935 **Pyoderma gangrenosum triggered by red tattoo dye.** A 39-year-old woman with a history of regional enteritis presented with an itchy rash on a tattoo on her left leg that she had received two weeks earlier. *I.V. Litvinov, D. Sasseville*

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- 971 **Attracting medical tourists to Canada is a risky experiment.** Medical tourism must not become a mechanism that allows governments to evade their responsibility to fund the health care system adequately and efficiently enough to meet the needs of Canadians.
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- 973 **Epilepsy surgery in childhood: no longer the treatment of last resort.** Evidence indicates that epilepsy surgery during childhood is a safe and effective treatment, yet few children who may be eligible for epilepsy surgery in Canada are currently being evaluated for candidacy.
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- 975 **Ensuring equitable access to sick leave.** Most Canadian provinces and territories guarantee only one week or less of job protection during illness, which is far below the norm globally.
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- 985 **Obstructive sleep apnea and the prevalence and incidence of cancer.** The severity of obstructive sleep apnea was not independently associated with either prevalent or incident cancer.
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- 993 **Risk of vascular events in patients with polymyalgia rheumatica.** Patients with polymyalgia rheumatica have an increased risk of vascular events, with the risk being greatest among younger age groups.
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- 994 **Association of a quality improvement program with neonatal outcomes in extremely preterm infants: a prospective cohort study.** Evidence-based Practice for Improving Quality methodology is associated with a significantly lower likelihood of a composite adverse outcome, severe retinopathy, necrotizing enterocolitis and nosocomial infections among infants born at less than 29 weeks' gestational age.
S.K. Lee, P.S. Shah, N. Singhal, K. Aziz, A. Synnes, D. McMillan, M.M. Seshia; for the Canadian EPIQ Study Group

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Karima Velji : courage et audace

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Research

Self-management of Hypertension in High-Risk Patients

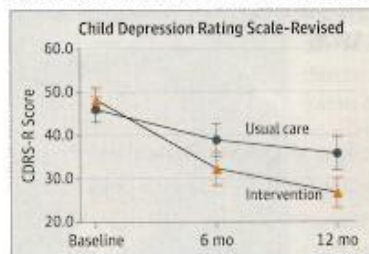
799

In a randomized trial that enrolled 555 patients with hypertension and a history of cardiovascular disease, diabetes, or chronic kidney disease, McManus and colleagues compared the effect on systolic blood pressure of 12 months of usual care vs self-monitoring of blood pressure combined with an individualized self-titration antihypertensive medication algorithm (self-management). The authors report that compared with usual care, patients randomly assigned to self-management had lower systolic blood pressure readings at the 1-year follow-up. In an Editorial, Nilsson and Nystrom discuss the efficacy and safety of self-titration of antihypertensive therapy in high-risk patients.

Editorial 795

Collaborative Care for Adolescents With Depression

809



Up to 20% of adolescents experience an episode of major depression by age 18 years; however, few receive evidence-based treatment. In a randomized trial involving 101 adolescents who screened positive for depression in primary care visits, Richardson and colleagues found that a collaborative care intervention, which included patient and parent engagement and education;

brief cognitive behavioral therapy delivered by master's-level clinicians, antidepressant medication, or both; and regular follow-up, resulted in greater improvement in depressive symptoms at 12 months compared with usual care. In an Editorial, Reeves and Riddle discuss treatment of adolescent depression in primary care settings.

Editorial 797

Author Video Interview jama.com

Preterm Infants, Erythropoietin, and Brain MRI Abnormalities

817

Preterm infants are at risk of developing encephalopathy of prematurity, which is associated with neurodevelopmental delay. Experimental and retrospective clinical data suggest that erythropoietin may have neuroprotective effects. Leuchter and colleagues assessed this association in a randomized, placebo-controlled study involving 495 preterm infants, 165 of whom underwent brain magnetic imaging (MRI) at term-equivalent age. The authors found that compared with infants who received placebo, infants who received high-dose erythropoietin within 42 hours of birth had a reduced risk of brain MRI abnormalities.



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Henri Rousseau (1844-1910).

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Clinical Review & Education

Management of Persistent Pain in the Older Patient

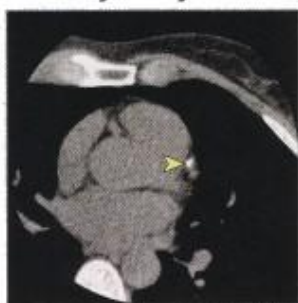
825

Persistent pain is prevalent, costly, and often disabling in later life. Makris and colleagues summarize results of a systematic review that identified 92 studies evaluating pharmacologic interventions and nonpharmacologic modalities to manage persistent pain among older adults. The authors discuss the case of Mrs L, a 90-year-old woman with a more than 30-year history of pain, and highlight the importance of combined pharmacologic, nonpharmacologic, and rehabilitative approaches to persistent pain management in older patients.

Continuing Medical Education jamanetworkcme.com

Coronary Artery Calcium Score

837



This JAMA Diagnostic Test Interpretation article by Polonsky and colleagues presents the case of a 58-year-old woman with concerns about her cardiovascular disease risk. She is asymptomatic, has never smoked, and swims 4 times a week. However, she has a family history of myocardial infarction and elevated total and low-density lipoprotein cholesterol levels. She underwent a cardiac computed tomography scan to measure her coronary artery calcium score—reported as 88 Agatston units. How would you interpret these findings?

JAMA Patient Page 858

The Medical Letter: Fish Oil Supplements

839

The US Food and Drug Administration has approved 2 products containing omega-3 polyunsaturated fatty acids for treatment of patients with severe hypertriglyceridemia, and many over-the-counter dietary supplements containing omega-3 polyunsaturated fatty acids or fish oils are readily available for purchase. This *Medical Letter* article briefly reviews results of clinical studies of omega-3 polyunsaturated fatty acids for primary and secondary prevention of cardiovascular disease and for treatment of hypertriglyceridemia.



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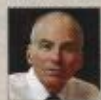
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Editor's Audio Summary

Howard Bauchner, MD, summarizes and comments on this week's issue.

Author Reading



AUDIO Lawrence O. Gostin, JD, reads his Viewpoint "The ACA's Contraceptive Mandate: Religious Freedom, Women's Health, and Corporate Personhood."

Author Interview

VIDEO Interview with Laura P. Richardson, MD, MPH, author of "Collaborative Care for Adolescents With Depression in Primary Care"

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Insightful commentary on the political aspects of health care from leading health economists, health policy experts, and legal scholars

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Weight Management

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Research

Bilateral Mastectomy vs Other Breast Cancer Surgeries 902

Bilateral mastectomy is increasingly used to treat women with unilateral breast cancer for reasons that are not clear. In an analysis of 1998-2011 California Cancer Registry data from 189 734 women with incident stage 0-III unilateral breast cancer, Kurian and colleagues found that bilateral mastectomy was not associated with lower mortality than breast-conserving surgery with radiation and that unilateral mastectomy was associated with higher mortality than either breast-conserving surgery with radiation or bilateral mastectomy. In an Editorial, Newman discusses whether contralateral prophylactic mastectomy is a reasonable option for the treatment of unilateral breast cancer.

Editorial 895

Author Video Interview jama.com

Intermittent Vagal Nerve Blockade Therapy for Morbid Obesity 915

The vagus nerve plays a key role in satiety and metabolism. In a randomized, double-blind, sham-controlled study involving 239 individuals with morbid obesity, Ikramuddin and colleagues evaluated the efficacy and safety of intermittent, reversible vagal nerve blockade therapy for obesity. The authors report that compared with a sham device, use of vagal nerve blockade did not meet prespecified efficacy end points for percentage excess weight loss but was well tolerated. In an Editorial, Arterburn and Fisher discuss limited efficacy of this obesity treatment and the state of the evidence for bariatric surgery.

Editorial 898

Weight Loss Associated With Named Diet Programs 923

In a systematic review and network meta-analysis of data from 48 randomized trials involving 7286 overweight or obese adults, Johnston and colleagues found that weight loss outcomes for popular diets categorized by diet class (macronutrient composition) and diet name or branding were small and clinically unimportant—supporting the practice of recommending any diet to which a patient will adhere. In an Editorial, Van Horn discusses caloric intake and successful long-term weight loss.

Editorial 900

Author Audio Interview jama.com Continuing Medical Education jamanetworkcme.com

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Editor in Chief
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131 YEARS
OF CONTINUOUS
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Clinical Review & Education

Long-term Follow-up After Bariatric Surgery

934



Few studies of bariatric surgery have reported long-term outcomes, precluding definitive conclusions about effectiveness. In an analysis of data from 29 studies (7971 patients) with a minimum 2 years' follow-up on at least 80% of participants, Puzziferri and colleagues found that gastric bypass had better outcomes than gastric banding procedures for long-term weight loss, type 2 diabetes control and remission, and control of hypertension and hyperlipidemia.

Editorial 898

Assessment and Lifestyle Management of Obesity

943

In a discussion of the case of Ms T—a 40-year-old woman with disordered eating as a teenager and progressive weight gain as an adult—Kushner and Ryan summarize current best practices for assessment and lifestyle management of obesity. These include screening all patients for overweight and obesity, assessing determinants of obesity, and initiating or providing referrals for intensive, multicomponent behavioral interventions to modify food and physical activity behaviors.

JAMA Patient Page 974

Eligibility Criteria for Bariatric Surgery

953

An article in *JAMA Surgery* reported that factors other than body mass index—age, sex, smoking, and diabetes—are important predictors of mortality among patients eligible for bariatric surgery. In this From the JAMA Network article, Dimick and Birkmeyer discuss the need to rethink current eligibility criteria for bariatric surgery.

The Medical Letter: New Drugs for Weight Loss

955

This Medical Letter article summarizes clinical trial data leading to FDA approval of a new drug (lorcaserin) and a new combination of 2 previously approved drugs—phentermine and extended-release topiramate as adjuncts to diet and exercise for weight management in patients who are obese or overweight with a weight-related risk factor.

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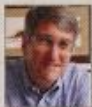
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Reducing Drowsy Driving Crashes

US Toll From Incontinence

Reemerging Leptospirosis May Be Underreported in the United States

Online @ jama.com



Editor's Audio Summary

Edward H. Livingston, MD, summarizes and comments on this week's issue.



Author Reading

AUDIO Dariush Mozaffarian, MD, DrPH, reads his Viewpoint "The Real Cost of Food: Can Taxes and Subsidies Improve Public Health?"

Author Interview

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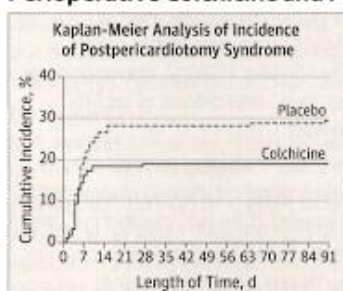
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/instructionsforauthors.aspx

Research

Darapladib, Coronary Events After Acute Coronary Syndrome 1006

Lipoprotein-associated phospholipase A₂ (Lp-PLA₂) is hypothesized to play a causal role in the development of atherosclerosis and to contribute to atherosclerotic plaque instability. In a randomized, placebo-controlled trial that enrolled 13 026 patients who had experienced an acute coronary syndrome in the past 30 days, O'Donoghue and colleagues found that darapladib—an inhibitor of Lp-PLA₂—added to optimal medical therapy did not reduce the risk of major coronary events during 2.5 years of follow-up.

Perioperative Colchicine and Postpericardiotomy Syndrome 1016



Postpericardiotomy syndrome and postoperative atrial fibrillation and effusions are common complications of cardiac surgery. Preliminary data suggest that postoperative administration of colchicine may prevent these complications. To assess whether this potential benefit might be enhanced with earlier initiation of colchicine, Imazio and colleagues randomly assigned 360 patients scheduled for cardiac surgery to receive colchicine or placebo beginning between 48

and 72 hours before surgery and continued for 1 month after surgery. The authors report that compared with placebo, perioperative use of colchicine reduced the incidence of postpericardiotomy syndrome but not postoperative atrial fibrillation or effusions.

Reanalysis of Randomized Trial Data 1024

Reanalysis of data from randomized clinical trials (RCTs) may help assess the validity of reported trial results. In a search of MEDLINE from inception to March 2014, Ebrahim and colleagues identified 37 reanalyses of patient-level data from previously published RCTs, which addressed the same hypothesis as the original article. Among the authors' findings were that few of the reanalyses were performed by investigators independent of the original research group, and 35% of reanalyses led to changes in interpretation about patients who should be treated. In an Editorial, Krumholz and Peterson discuss open access to clinical trial data to allow independent replication of study findings.

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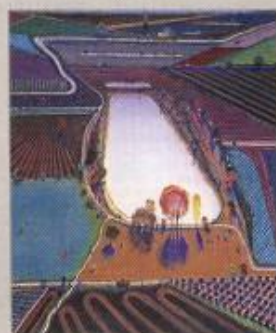
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Clinical Review & Education

Management of Sickle Cell Disease

1033

Sickle cell disease affects nearly 100 000 individuals in the United States, many of whom do not receive optimal treatment. Yawn and colleagues summarize a 2014 expert panel report on evidence-based management of sickle cell disease. The authors found a paucity of clinical trials that addressed the screening, management, and monitoring of individuals with sickle cell disease, which resulted in many recommendations being based on less than high-quality evidence. The authors present the expert panel recommendations (including ratings of the recommendation strength and evidence quality) relating to health maintenance and management of acute and chronic complications of sickle cell disease. Use of 2 disease-modifying therapies—oral hydroxyurea and blood transfusion—are discussed. In an Editorial, DeBaun discusses challenges in defining evidence-based management guidelines for sickle cell disease.

Editorial 1004

Author Video Interview jama.com Continuing Medical Education jamanetworkcme.com

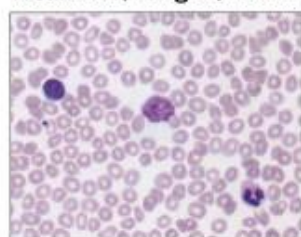
Atrial Fibrillation and Risk of Myocardial Infarction

1049

An article in *JAMA Internal Medicine* reported that atrial fibrillation is independently associated with an increased risk of incident myocardial infarction. In this From the JAMA Network article, Prystowsky and Fry discuss pathophysiologic factors that may contribute to the association and the evidence that warfarin therapy may be beneficial.

Weakness, Fatigue, and an Abnormal White Blood Cell Count

1051



A 63-year-old man consulted his physician about occasional night sweats without fevers or weight loss and worsening weakness and fatigue for 2 months. Physical examination was unrevealing. A white blood cell count and peripheral smear showed increased white blood cells, with a lymphocytic predominance. What would you do next?

Quiz jama.com

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School-age Outcomes After Antenatal Magnesium Sulfate 1105

Antenatal magnesium sulfate given to women at imminent risk of very preterm delivery reduces the risk of cerebral palsy in early childhood. In a follow-up study of 867 school-aged children born very preterm and whose mothers had been randomly assigned to receive antenatal magnesium sulfate or placebo, Doyle and colleagues found that maternal treatment with magnesium sulfate was not associated with neurological, cognitive, behavioral, growth, or functional outcomes in the children at ages 6 to 11 years. A mortality advantage of magnesium sulfate treatment could not be excluded.

Long-Acting β -Agonists and Corticosteroids in COPD 1114

Randomized, placebo-controlled studies of patients with chronic obstructive pulmonary disease (COPD) have demonstrated that combination therapy, consisting of long-acting β -agonists (LABA) and inhaled corticosteroids, decreases disease exacerbations and possibly mortality. Gershon and colleagues assessed the comparative effectiveness of newly prescribed combination therapy vs LABA alone in a propensity score-matched cohort of 11 872 patients with COPD. The authors found that combination therapy was associated with a lower risk of a composite outcome of death or COPD hospitalization—particularly among patients with asthma and those not receiving inhaled long-acting anticholinergic medication. In an Editorial, Calverley discusses the value of administrative data analyses to inform patient care.

Editorial 1101

Author Video Interview jama.com

Clinical Efficacy and Safety of Treatment of Acute VTE 1122

There are many treatment strategies for acute venous thromboembolism (VTE), but little guidance as to which drug is most effective and safe. In a network meta-analysis of data from 45 randomized trials (44 989 patients) examining 8 anticoagulation options, Castellucci and colleagues found no significant differences in clinical and safety outcomes associated with most treatment strategies compared with the low-molecular-weight heparin and vitamin K antagonist combination. However, the unfractionated heparin and vitamin K antagonist combination may be the least effective strategy and rivaroxaban and apixaban may be associated with the lowest risk of bleeding.

Author Audio Interview jama.com

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Clinical Review & Education

Older Adults With Hypercholesterolemia

1136

Older adults' physiological and functional heterogeneity adds complexity to treatment decisions for hypercholesterolemia. Strandberg and colleagues present 3 illustrative cases of older patients with hypercholesterolemia and report results of a literature review on the role of statins in primary and secondary prevention of atherosclerotic cardiovascular disease (ASCVD) in older patients. Based on their review of the evidence (26 articles and recent cholesterol treatment guidelines), the authors conclude that ideally, treatment of hypercholesterolemia for patients at risk of ASCVD should start before age 80 years. Because no randomized clinical trial evidence exists to guide statin initiation after age 80 years, decisions to use statins in older patients must be individualized.

Continuing Medical Education jamanetworkcme.com

Treating Prescription Opioid Dependence

1145

An article in *JAMA Psychiatry* reported that among patients with prescription opioid dependence, a treatment regimen involving a 4-week buprenorphine taper and subsequent naltrexone maintenance therapy resulted in higher rates of opioid abstinence at 12 weeks than a 2- or 1-week buprenorphine taper regimen. In this From the JAMA Network article, Ruetsch discusses treatment of opioid use disorder.

DXA Scan for Diagnosis of Osteoporosis

1147

This JAMA Diagnostic Test Interpretation article by Neuner and Carnahan presents the case of a 69-year-old white woman who had a screening dual-energy x-ray absorptiometry (DXA) scan that showed low bone mineral density of the spine. Menopause began at age 39 years, the patient has never smoked, and she has no history of fractures or falls. How would you interpret the DXA scan results?

Online @ jama.com



Editor's Audio Summary

Howard Bauchner, MD, summarizes and comments on this week's issue.

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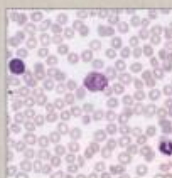


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JAMA Clinical Challenge

Weakness, Fatigue, and an Abnormal White Blood Cell Count

A 63-year-old man consulted his physician about occasional night sweats without fevers or weight loss and worsening weakness and fatigue for 2 months. Physical examination was unrevealing. A white blood cell count and peripheral smear showed increased white blood cells, with a lymphocytic predominance. What would you do next?

Quiz jama.com



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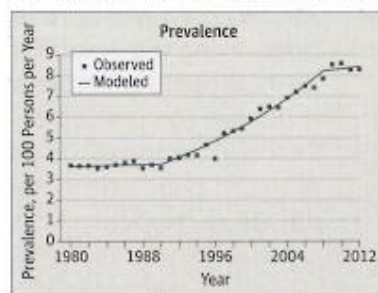
Prenatal Testing: Informed Choice, Absent Financial Barriers 1209

Guidelines for prenatal genetic testing recommend that patients receive detailed information to allow informed, preference-based screening and diagnostic testing decisions. In a randomized trial that enrolled 710 demographically diverse pregnant women, Kuppermann and colleagues found that compared with usual care, access to a computerized, interactive prenatal testing decision support guide—providing information and values clarification exercises—and elimination of any out-of-pocket costs associated with prenatal diagnostic testing resulted in less prenatal test use and more informed and preference-based prenatal testing decisions. In an Editorial, Dolan discusses the promise and challenges of personalized prenatal genetic testing.

✚ Editorial 1203

✚ Author Video Interview jama.com

Prevalence and Incidence of Diabetes: 1980-2012 1217



To examine long-term trends in the prevalence and incidence of diagnosed diabetes in US adults, Geiss and colleagues analyzed data from nearly 665 000 adults who participated in the 1980-2012 National Health Interview Surveys. The authors report their analyses suggest an overall plateauing of prevalence and incidence of diagnosed diabetes since 2008. However, among certain subgroups, including non-Hispanic blacks, Hispanics, and

persons with less than a high school education, continued increases in prevalence and incidence were observed.

FDG-PET Lung Cancer Diagnoses in Areas With Endemic Infection 1226

Positron emission tomography (PET) with fludeoxyglucose F18 (FDG) is recommended for the noninvasive diagnosis of pulmonary nodules suspicious for lung cancer. However, data suggest FDG-PET may not accurately identify malignant lesions in populations with endemic infectious lung disease. In a systematic review and meta-analysis of data from 70 studies of lung cancer diagnosis using FDG-PET, Deppen and colleagues found FDG-PET accuracy was quite heterogeneous and diagnostic specificity was lower in endemic infectious lung disease populations.

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Clinical Review & Education

Electronic Packaging Devices and Medication Adherence 1236

Checchi and colleagues assessed whether electronic medication packaging devices improve medication adherence in a systematic review and analysis of data from 37 studies examining the effectiveness of these devices. The authors found that there are many varieties of electronic medication packaging devices and note that data supporting their use are limited. The authors report that devices integrated into the care delivery system and those with audible reminder alarms that are designed to record dosing events were most frequently associated with improvements in medication adherence.

Continuing Medical Education jamanetworkcme.com

JAMA Clinical Guidelines Synopsis: Screening for Lung Cancer 1248

Lung cancer is the leading cause of cancer mortality in the United States. This JAMA Clinical Guidelines Synopsis article summarizes the 2014 US Preventive Services Task Force recommendations relating to lung cancer screening of asymptomatic adults aged 55 to 80 years who have a 30 pack-year smoking history and currently smoke or have quit smoking within the past 15 years. In an Editorial, Sox discusses concerns about implementing lung cancer screening in Medicare-aged patients. An Editorial by Cifu and colleagues introduces this new JAMA series.

Editorial 1205 and 1207 Related Article 1193

Facial Lesions After Travel to Venezuela 1250



A man with a history of travel to the Venezuelan rainforest presented with an erythematous plaque on the neck and erythema and swelling of the left nasal ala with disruption of the nasal architecture and crusting of the naris. Treatment over the past 3 months with a variety of oral, intramuscular, and topical antibiotics had not been beneficial. Biopsy of the nasal tissue revealed reactive hyperplasia and inflammation; no organisms were found using special stains. What would you do next?

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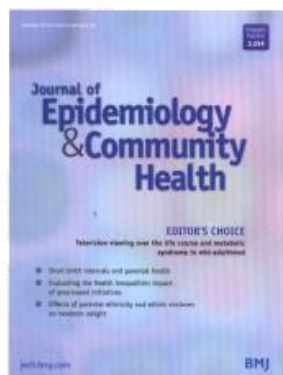
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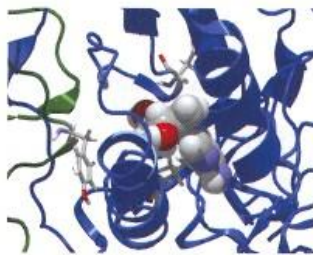
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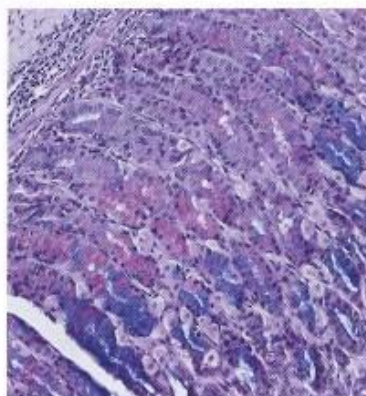
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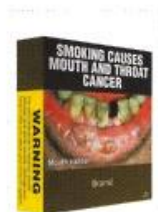
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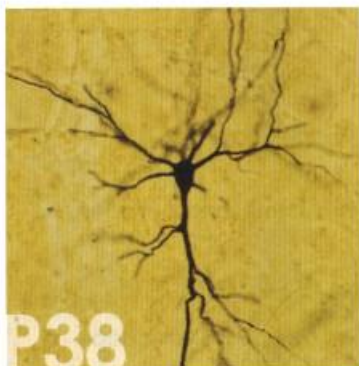


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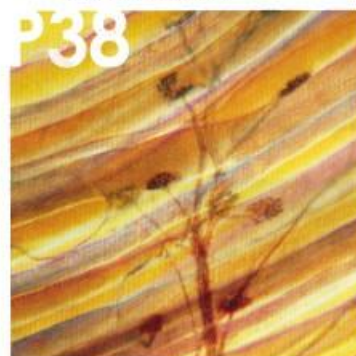


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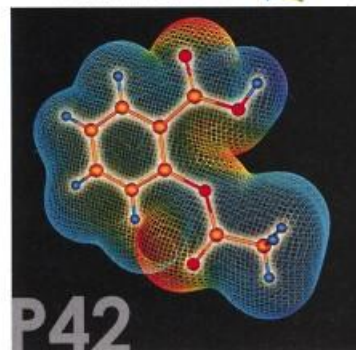
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26 Devenir parent en ayant recours à la procréation médicalement assistée

D^{re} Julie Achim et Raphaële Noël, psychologues

La période périnatale s'avère cruciale pour les parents en devenir compte tenu des importants remaniements psychologiques qui s'y opèrent, en raison de sa mise à l'épreuve du couple et de son impact sur la qualité de l'éventuelle relation parent-enfant.

29 Profils d'adaptation psychologique et conjugale des couples suivis en traitement de fertilité

D^{re} Katherine Péloquin et Audrey Brassard, psychologues, et Coralie Purcell-Lévesque, candidate au doctorat en psychologie

Il est important de bien évaluer les caractéristiques personnelles et l'adaptation propres à chaque individu, puisque ces différents profils d'adaptation, tant individuels que conjugaux, pourraient être liés à des symptômes de types et d'intensité variés en contexte d'infertilité.

34 Réflexions cliniques sur l'évaluation et l'intervention auprès des couples ayant recours à la procréation médicalement assistée

Susan Bermingham, psychologue clinicienne

L'onde de choc que provoque le diagnostic d'infertilité ainsi que les traitements, souvent longs, fastidieux, et toujours à recommencer, bouleversent le psychisme des femmes et des hommes. Le couple aura à prendre toute une série de décisions cruciales et souvent il se sentira submergé.

37 La consultation psychologique lors du recours à un don de gamètes

D^{re} Marie-Alexia Allard et Danièle Tremblay, psychologues

La consultation psychologique représente une invitation à penser pour les couples bouleversés par l'annonce de leur infertilité et de la nécessité d'avoir recours à un tiers pour réaliser leur projet parental.

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In an article by Maly et al. in the May/June 2014 issue of *Public Health Reports* ("Colorectal Cancer Screening Among American Indians in a Pacific Northwest Tribe: Cowlitz Tribal BRFSS Project, 2009–2010"), the Total Cowlitz tribal membership at the time of the survey was approximately 3,600 members, not 3,000 members as was cited at the time of publication.

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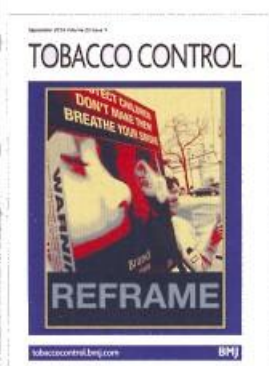
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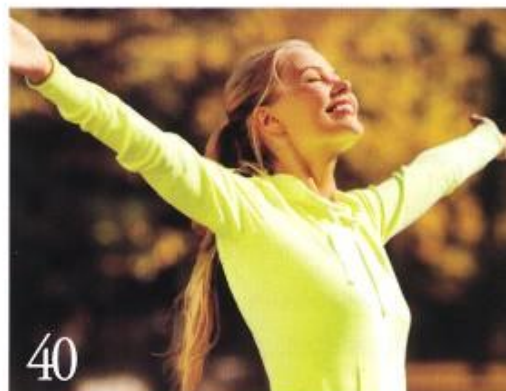
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