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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.

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Partie I

Nouvelles acquisitions

Liste détaillée de monographies

Titre :	**1re (La) ligne montréalaise en action : synthèse de la journée de réflexion du 2 mai 2014**
Auteur :	Poirier, Léo-Roch
Lieu de publication :	Montréal
Éditeur :	Équipe santé des populations et services de santé, Direction de santé publique, Secteur services préventifs en milieu clinique, Agence de la santé et des services sociaux de Montréal
Année de publication :	2014
Description :	11 p.
Cote :	SE RES 1128 2014 QIAS

Titre :	**Activités (Les) socioprofessionnelles et communautaires : état de la situation et actions convenues pour l'amélioration des services**
Lieu de publication :	Québec
Éditeur :	Direction des communications, Ministère de la Santé et des Services sociaux
Année de publication :	2014
Description :	27 p. ; + 1 annexe (38 p.).
Cote :	PH MSSS 092 2014 QIAS

Titre :	**Adolescentes mamans : histoire et actualité**
Auteur :	Carpentier, Nelly, 1949-
Lieu de publication :	Paris
Éditeur :	L'Harmattan
Année de publication :	2014
Description :	133 p.
Cote :	JE MON 810 2014 QIAS

Titre :	**Adoption (L') internationale au Québec : statistiques 2014**
Lieu de publication :	Québec
Éditeur :	Direction des communications du Ministère de la santé et des services sociaux du Québec
Année de publication :	2015
Description :	19 p. : ill. en coul.
Cote :	FA MSSS 128 2014 QIAS

Titre :	**Antimicrobial resistance : global report on surveillance**
Lieu de publication :	Geneva
Éditeur :	World Health Organization

Liste détaillée de monographies

Année de publication :	2014
Description :	xxii, 232 p. : ill., cartes en coul.
Cote :	OMS ZZ 850 2014 QIAS

Titre :	**Augmenter la participation à la recherche clinique en cancérologie au Québec : rapport**
Auteur :	Québec (Province). Comité national de l'évolution de la recherche clinique en cancérologie
Lieu de publication :	Québec
Éditeur :	Direction québécoise de cancérologie
Année de publication :	2014
Description :	31 p.
Cote :	SE MSSS 645 2014 QIAS

Titre :	**Bilan (Le) démographique du Québec. -- Éd. 2014.**
Lieu de publication :	Québec
Éditeur :	Institut de la statistique du Québec
Année de publication :	2014
Description :	162 p. : ill.
Cote :	HS GOU 034 2014 QIAS

Titre :	**Bilan de l'implantation du plan d'action du 1er avril 2009 au 31 décembre 2012 : plan d'action gouvernemental de promotion des saines habitudes de vie et de prévention des problèmes reliés au poids 2006-2012 : investir pour l'avenir**
Lieu de publication :	Québec
Éditeur :	Direction des communications du Ministère de la santé et des services sociaux du Québec
Année de publication :	2014
Description :	70 p. : ill.
Cote :	SA MSSS 276 .01 2009/12 QIAS

Titre :	**Cadre de référence : travail de rue/milieu en Abitibi-Témiscamingue**
Lieu de publication :	Rouyn-Noranda
Éditeur :	Agence de la santé et des services sociaux de l'Abitibi-Témiscamingue
Année de publication :	2014
Description :	41 p. : ill. en coul.
Cote :	HS RES 514 2014 QIAS

Liste détaillée de monographies

Titre :	**Cadre de référence régional : mécanisme d'accès à l'hébergement pour les personnes en perte d'autonomie liée au vieillissement**
Lieu de publication :	Montréal
Éditeur :	Agence de la santé et des services sociaux de Montréal
Année de publication :	2014
Description :	34 p. : ill. en coul.
Cote :	PA RES 351 2014 QIAS

Titre :	**Cadre d'élaboration des guides de pratique dans le secteur des services sociaux**
Lieu de publication :	Québec
Éditeur :	Institut national d'excellence en santé et en services sociaux Québec
Année de publication :	2015
Description :	viii, 81 p. : ill. en coul. + 1 f. plié.
Cote :	AS GOU 152 2015 QIAS

Titre :	**Caractéristiques démographiques, sociales et économiques de la communauté d'expression anglaise à Laval : portrait 2015**
Lieu de publication :	Laval
Éditeur :	Direction de santé publique, Agence de la santé et des services sociaux de Laval, Québec
Année de publication :	2014
Description :	24 p. : ill. (certaines en coul.), carte.
Cote :	HS RES 450 2015 QIAS

Titre :	**Code civil du Québec annoté 2014. -- 17e éd.**
Auteur :	Québec (Province)
Lieu de publication :	Montréal
Éditeur :	Wilson & Lafleur
Année de publication :	2014
Description :	2 v.
Cote :	DR 001 .03 2014 QIAS Réf.
Consultation sur place:	Oui

Titre :	**Combien serons-nous en 2036? : projections de la population de Lanaudière**
Auteur :	Guillemette, André, 1958-
Lieu de publication :	Joliette

Liste détaillée de monographies

Éditeur :	Agence de la santé et des services sociaux de Lanaudière, Direction de santé publique, Service de surveillance, recherche et évaluation
Année de publication :	2014
Description :	27 p. : ill. en coul.
Cote :	HS RES 516 2014 QIAS

Titre :	**Combien serons-nous en 2036? : projections de la population de Lanaudière-Nord et de ses MRC**
Auteur :	Guillemette, André, 1958-
Lieu de publication :	Joliette
Éditeur :	Agence de la santé et des services sociaux de Lanaudière, Direction de santé publique, Service de surveillance, recherche et évaluation
Année de publication :	2014
Description :	19 p. : ill.
Cote :	HS RES 517 2014 QIAS

Titre :	**Combien serons-nous en 2036? : projections de la population de Lanaudière-Sud et de ses MRC**
Auteur :	Guillemette, André, 1958-
Lieu de publication :	Joliette
Éditeur :	Agence de la santé et des services sociaux de Lanaudière, Direction de santé publique, Service de surveillance, recherche et évaluation
Année de publication :	2014
Description :	9 p. : ill.
Cote :	HS RES 518 2014 QIAS

Titre :	**Compendium des produits et spécialités pharmaceutiques 2015**
Lieu de publication :	Ottawa
Éditeur :	Association des pharmaciens du Canada
Année de publication :	2015
Description :	2 v.
Cote :	SP 020 2015 QIAS Réf.
Consultation sur place:	Oui

Titre :	**Comportements en lien avec l'exposition aux rayons ultraviolets chez les adolescents au Québec en 2012-2013**
Auteur :	Canuel, Magalie
Lieu de publication :	Québec
Éditeur :	Institut national de santé publique Québec

Liste détaillée de monographies

Année de publication :	2015
Description :	ii, 13 p. : ill.
Cote :	SE GOU 892 2012/13 QIAS

Titre :	**Comptes de la santé 2012-2015**
Auteur :	Québec (Province). Ministère de la santé et des services sociaux
Lieu de publication :	Québec
Éditeur :	Direction des communications du Ministère de la santé et des services sociaux
Année de publication :	2015
Description :	42 p.
Cote :	AS MSSS 277 2012/15 QIAS

Titre :	**Conséquences (Les) économiques associées à l'obésité et à l'embonpoint au Québec : les coûts liés à l'hospitalisation et aux consultations médicales : fardeau du poids corporel**
Lieu de publication :	Québec (Province)
Éditeur :	Institut national de santé publique du Québec
Année de publication :	2015
Description :	ii, 22 p.
Cote :	SE GOU 891 2015 QIAS

Titre :	**Contrats des organismes publics : loi commentée.**
Auteur :	Québec (Province).[Loi sur les contrats des organismes publics]
Lieu de publication :	Brossard, Québec
Éditeur :	CCH
Année de publication :	2013
Description :	1 v.
Cote :	DR MON 056 2013 QIAS

Titre :	**Contrôle (Le) et la surveillance des réseaux d'aqueduc privés au Québec : Rapport du protecteur du citoyen**
Auteur :	Québec (Province). Protecteur du citoyen
Lieu de publication :	Québec
Éditeur :	Protecteur du citoyen
Année de publication :	2015
Description :	v, 36 p.
Cote :	SE GOU 893 2015 QIAS

Liste détaillée de monographies

Titre :	**Désinstitutionnalisation psychiatrique en Acadie, en Ontario francophone et au Québec, 1930-2013**
Lieu de publication :	Québec
Éditeur :	Presses de l'Université du Québec
Année de publication :	2014
Description :	xiv, 196 p. : ill.
Cote :	SM MON 886 2014 QIAS

Titre :	**Développement d'instruments de mesure de la satisfaction des femmes qui ont obtenu une mammographie de dépistage ou des examens complémentaires dans les centres désignés de la Montérégie**
Lieu de publication :	Longueuil
Éditeur :	Agence de la santé et des services sociaux de la Montérégie, Direction de santé publique
Année de publication :	2014
Description :	69 p. : ill. en coul.
Cote :	SE RES 1126 2014 QIAS

Titre :	**Disparités (Les) territoriales d'offre et d'organisation des soins en psychiatrie en France : d'une vision segmentée à une approche systématique**
Auteur :	Coldefy, Magali
Lieu de publication :	Paris
Éditeur :	Institut de recherche et documentation en économie de la santé
Année de publication :	2014
Description :	141 p. : ill. en coul., cartes en coul.
Cote :	SM MON 885 2014 QIAS

Titre :	**Éducation (L') thérapeutique du patient : [en 7 notions]**
Auteur :	Mauduit, Laurence
Lieu de publication :	Paris
Éditeur :	Dunod
Année de publication :	2014
Description :	xii, 177 p. : ill.
Cote :	SA MON 3708 2014 QIAS

Titre :	**Estime (L') de soi, les compétences sociales et l'environnement social : des facteurs clés du développement des jeunes : portrait des jeunes du secondaire de la Montérégie**

Liste détaillée de monographies

Auteur :	Boulais, Julie
Lieu de publication :	Longueuil
Éditeur :	Direction de santé publique de la Montérégie, Agence de la santé et des services sociaux de la Montérégie
Année de publication :	2015
Description :	18 p. : ill. en coul.
Cote :	JE RES 677 .08 2015 QIAS

Titre :	**État et enjeux prioritaires pour le développement social dans les Laurentides : rapport sur les résultats de la recherche-action : rapport final**
Auteur :	Lussier, Karl
Lieu de publication :	Sherbrooke
Éditeur :	Niska
Année de publication :	2012
Description :	viii, 105 p. : ill., cartes.
Cote :	HS MON 1022 2012 QIAS

Titre :	**Évaluation (L') de la performance des maisons, pôles et centres de santé dans le cadre des expérimentations des nouveaux modes de rémunération (ENMR) sur la période 2009-2012**
Auteur :	Mousquès, Julien
Lieu de publication :	Paris
Éditeur :	Institut de recherche et documentation en économie de la santé
Année de publication :	2014
Description :	153 p. : ill. (certaines en coul.), cartes en coul.
Cote :	RT MON 438 2009/12 QIAS

Titre :	**Evaluation by international experts of the methods used by the Direction de santé publique to assess the health impacts of water damaged buildings : proceedings of the audit held in April 2013**
Lieu de publication :	Montréal
Éditeur :	Agence de la santé et des services sociaux de Montréal, Direction de santé publique
Année de publication :	2015
Description :	viii, 60 p.
Cote :	SE RES 1127 2015a QIAS

Titre :	**Évaluation de l'intervention Soutien aux milieux cliniques pour l'application de pratiques cliniques préventives : rapport**
Lieu de publication :	Longueuil

Liste détaillée de monographies

Éditeur :	Sogémap Inc.
Année de publication :	2013
Description :	i, 41 p.
Cote :	SA MON 3706 2013 QIAS

Titre :	**Évaluation des programmes d'intervention en prévention des maladies chroniques dans la région des Laurentides : rapport d'évaluation final : programme 0.5.30 combinaison prévention**
Lieu de publication :	Longueuil
Éditeur :	Sogémap Inc.
Année de publication :	2013
Description :	ii, 36 p.
Cote :	SE MON 1459 2013 QIAS

Titre :	**Évaluation par des experts internationaux des pratiques de la Direction de santé publique concernant les problèmes de santé associés aux infiltrations d'eau dans les bâtiments : actes de l'audit tenu en avril 2013**
Lieu de publication :	Montréal
Éditeur :	Agence de la santé et des services sociaux de Montréal, Direction de santé publique
Année de publication :	2015
Description :	viii, 69 p.
Cote :	SE RES 1127 2015 QIAS

Titre :	**Exclusion, (L') définir pour en finir**
Lieu de publication :	Paris
Éditeur :	Dunod
Année de publication :	2013
Description :	x, 174 p. ; 24 cm.
Cote :	HS MON 1019 2013 QIAS

Titre :	**Faut-il avoir peur des écrans?**
Lieu de publication :	Rueil-Malmaison, France
Éditeur :	Doin
Année de publication :	2013
Description :	xvi, 143 p. ; 21 cm.
Cote :	TS MON 448 2013 QIAS

Liste détaillée de monographies

Titre :	**Guide de codification : Services intégrés en périnatalité et pour la petite enfance (SIPPE) et le Programme d'intervention en négligence (PIN)**
Auteur :	Houle, Isabelle
Lieu de publication :	Trois-Rivières, Québec
Éditeur :	Agence de la santé et des services sociaux de la Mauricie et du Centre-du-Québec
Année de publication :	2015
Description :	19 p. : ill. en coul.
Cote :	FA RES 424 2015 QIAS

Titre :	**Guide pour la mise à niveau des unités d'endoscopie digestive au Québec**
Lieu de publication :	Québec
Éditeur :	Direction des communications du Ministère de la santé et des services sociaux
Année de publication :	2014
Description :	134 p. : ill.
Cote :	TS MSSS 135 2014 QIAS

Titre :	**Herbe à poux : exploration d'une méthodologie d'identification de terrains avec un potentiel de colonisation par l'herbe à poux : une approche cartographique d'utilisaiton du sol**
Lieu de publication :	Québec (Province)
Éditeur :	Santé et services sociaux Québec
Année de publication :	2015
Description :	ix, 57 p. : ill. en coul.
Cote :	ST MSSS 078 2015 QIAS

Titre :	**Médecin (Un) se confie : pour des soins plus humains**
Auteur :	Daneault, Serge, 1955-
Lieu de publication :	Montréal
Éditeur :	Éditions La Presse
Année de publication :	2014
Description :	178 p.
Cote :	SS MON 1037 2014 QIAS

Titre :	**Mesures (Les) d'austérité et les femmes : analyse des documents budgétaires depuis novembre 2008**
Auteur :	Couturier, Ève-Lyne
Lieu de publication :	Montréal

Liste détaillée de monographies

Éditeur :	Institut de recherche et d'informations socio-économiques
Année de publication :	2015
Description :	55 p. : ill.
Cote :	CF MON 247 2015 QIAS

Titre :	**Mesures (Les) de repas scolaires subventionnés et leurs impacts sur l'alimentation et le poids corporel des jeunes : expériences étrangères et perspectives pour le Québec**
Auteur :	Bergeron, Pascale
Lieu de publication :	Québec
Éditeur :	Direction du développement des individus et des communautés, Institut national de santé publique Québec
Année de publication :	2015
Description :	v, 96 p.
Cote :	SN GOU 116 2015 QIAS

Titre :	**Mon enfant a une maladie chronique : stratégies, ressources, moyens**
Auteur :	Chartré, Marie-Eve, 1978-
Lieu de publication :	Montréal
Éditeur :	Éditions CHU Sainte-Justine
Année de publication :	2014
Description :	127 p.
Cote :	JE MON 812 2014 QIAS

Titre :	**Organisation, gestion productive et santé au travail**
Lieu de publication :	Toulouse, France
Éditeur :	Octarès Éditions
Année de publication :	2014
Description :	xi, 363 p. : ill.
Cote :	ST MON 298 2014 QIAS

Titre :	**Patient (Le) et le médecin**
Auteur :	Zaffran, Marc
Lieu de publication :	Montréal
Éditeur :	Les Presses de l'Université de Montréal
Année de publication :	2014
Description :	256 p.

Liste détaillée de monographies

Cote :	SS MON 1034 2014 QIAS

Titre :	**Penser la formation des professionnels de la santé : une perspective intégrative**
Lieu de publication :	Bruxelles
Éditeur :	De Boeck
Année de publication :	2013
Description :	440 p. : ill.
Cote :	RT MON 439 2013 QIAS

Titre :	**Petit traité de rédaction et de stratégie de contenu pour le Web**
Auteur :	Carpentier, Michaël, 1974-
Lieu de publication :	Québec
Éditeur :	Michaël Carpentier
Année de publication :	2012
Description :	160 p., 1 f. de pl. plié : ill. ; 23 cm.
Cote :	TS MON 447 2012 QIAS

Titre :	**Plan d'intervention gouvernemental 2013-2015 pour la protection de la population contre le virus du Nil occidental : rapport d'activités - saison 2014**
Auteur :	Québec (Province). Ministère de la santé et des services sociaux
Lieu de publication :	Québec
Éditeur :	Direction des communications du Ministère de la santé et des services sociaux
Année de publication :	2014
Description :	30 p. : ill. en coul., cartes en coul.
Cote :	SE MSSS 305 .01 2014 QIAS

Titre :	**Plan stratégique 2014-2019**
Auteur :	Institut national de santé publique du Québec
Lieu de publication :	Québec
Éditeur :	Institut national de santé publique du Québec
Année de publication :	2015
Description :	15 p.
Cote :	SE GOU 310 2014/19 QIAS

Titre :	**Politique (La) de santé mentale en France : acteurs, instruments, controverses**
Lieu de publication :	Paris

Liste détaillée de monographies

Éditeur :	Armand Colin
Année de publication :	2012
Description :	231 p.
Cote :	SM MON 887 2012 QIAS

Titre :	**Potentiel piétonnier et utilisation des modes de transport actif pour aller au travail au Québec : état des lieux et perspectives d'interventions**
Auteur :	Robitaille, Éric
Lieu de publication :	Québec
Éditeur :	Direction du développement des individus et des communautés, Institut national de santé publique Québec
Année de publication :	2015
Description :	viii, 109 p. : cartes en coul.
Cote :	ST GOU 336 2015 QIAS

Titre :	**Processus clinique interdisciplinaire en 1ère ligne**
Lieu de publication :	Québec
Éditeur :	Ministère de la santé et des services sociaux
Année de publication :	2014
Description :	[4] f.
Cote :	SA MSSS 543 2014 QIAS

Titre :	**Processus clinique visant le traitement des symptômes comportementaux et psychologiques de la démence**
Auteur :	Fleury, France Charles
Lieu de publication :	Québec
Éditeur :	Direction des communications, Ministère de la santé et des services sociaux
Année de publication :	2014
Description :	[17] p. : ill. en coul.
Cote :	SM MSSS 116 2014 QIAS

Titre :	**Programme de soutien aux organismes communautaires 2015-2016**
Auteur :	Québec (Province). Ministère de la santé et des services sociaux
Lieu de publication :	Québec
Éditeur :	Ministère de la santé et des services sociaux
Année de publication :	2014
Description :	34 p.

Liste détaillée de monographies

Cote :	AS MSSS 046 2015/16 QIAS

Titre :	**Programme de surveillance de l'infection par le virus de l'immunodéficience humaine (VIH) au Québec : rapport annuel 2013**
Lieu de publication :	Québec
Éditeur :	Institut national de santé publique du Québec
Année de publication :	2014
Description :	v, 22 p. : ill. + 1 annexe (ii, 25 p.).
Cote :	SE GOU 527 2013 QIAS

Titre :	**Québec (Le) chiffres en main. -- Éd. 2014**
Lieu de publication :	Québec
Éditeur :	Institut de la statistique du Québec
Année de publication :	2014
Description :	72 p. : ill., cartes.
Cote :	AD GOU 123 2014 QIAS

Titre :	**Quelle santé pour demain ? : quand le numérique boulverse la médecine**
Lieu de publication :	Paris
Éditeur :	Éditions Alternatives
Année de publication :	2014
Description :	208 p. : ill.
Cote :	TS MON 449 2014 QIAS

Titre :	**Rapport annuel de gestion 2013-2014**
Auteur :	Québec (Province). Conseil du trésor. Secrétariat
Lieu de publication :	Québec
Éditeur :	Secrétariat du Conseil du trésor, Direction des communications
Année de publication :	2014
Description :	ix, 115 p.
Cote :	RA6 SCT 2013/14 QIAS Rapp.ann.

Titre :	**Région de Bedford : politique et plans d'action des aînés 2014-2016 : rapport sur les impacts potentiels et recommandations**
Auteur :	Tremblay, Émile
Lieu de publication :	Longueuil

Liste détaillée de monographies

Éditeur :	Agence de la santé et des services sociaux de la Montérégie, Direction de santé publique
Année de publication :	2014
Description :	58 p. : ill. en coul.
Cote :	ST RES 539 2014 QIAS

Titre :	**Retraitement des dispositifs endoscopiques flexibles : guide de pratique**
Auteur :	Pelletier, Andrée
Lieu de publication :	Québec
Éditeur :	Direction des risques biologiques et de la santé au travail, Institut national de santé publique du Québec
Année de publication :	2014
Description :	v, 121 p.
Cote :	SS GOU 374 2014 QIAS

Titre :	**Soignants (Les) face au stress : comment se prémunir contre l'épuisement professionnel. - 2e éd.**
Auteur :	Boissières-Dubourg, Françoise
Lieu de publication :	Ruel-Malmaison
Éditeur :	Éditions Lamarre
Année de publication :	2012
Description :	xxii, 246 p. : ill.
Cote :	ST MON 297 2012 QIAS

Titre :	**Soins palliatifs et de fin de vie : particularités pédiatriques : tiré à part**
Auteur :	Shang, Mélanie
Lieu de publication :	Longueuil
Éditeur :	Agence de la santé et des services sociaux de la Montérégie, Direction de la planification, de la performance et des connaissances
Année de publication :	2014
Description :	54 p.
Cote :	JE RES 722 2014 QIAS

Titre :	**Soutien aux enfants : statistiques de l'année 2013**
Lieu de publication :	Québec
Éditeur :	Régie des rentes du Québec
Année de publication :	2014
Description :	36 p.

Liste détaillée de monographies

Cote :	FA GOU 267 2013 QIAS

Titre :	**Spécial rentrée scolaire 2014 : quelques statistiques relatives à l'éducation dans Lanaudière**
Auteur :	Lemire, Louise, 1956-
Lieu de publication :	Joliette
Éditeur :	Agence de la santé et des services sociaux de Lanaudière, Direction de santé publique, Service de surveillance, recherche et évaluation
Année de publication :	2014
Description :	15 p. : ill., carte en coul.
Cote :	JE RES 721 2014 QIAS

Titre :	**Stratégie gouvernementale de développement durable révisée 2015-2020 : mémoire présenté à la Commission des transports et de l'environnement**
Auteur :	Institut national de santé publique du Québec
Lieu de publication :	Québec
Éditeur :	Institut national de santé publique du Québec
Année de publication :	2015
Description :	ii, 15 p.
Cote :	ST GOU 335 2015-20 QIAS

Titre :	**Surveillance des troubles mentaux dans Lanaudière : prévalence et utilisation des services de santé mentale en 2011-2012**
Auteur :	Guillemette, André, 1958-
Lieu de publication :	Joliette
Éditeur :	Agence de la santé et des services sociaux de Lanaudière, Direction de santé publique, Service de surveillance, recherche et évaluation
Année de publication :	2014
Description :	27 p. : ill. en coul.
Cote :	SM RES 330 2011/12 QIAS

Titre :	**Vivre avec un problème de santé mentale en Abitibi-Témiscamingue : regard sur la situation en 2011-2012**
Auteur :	Beaulé, Guillaume, 1970-
Lieu de publication :	Rouyn-Noranda
Éditeur :	Agence de la santé et des services sociaux de l'Abitibi-Témiscamingue
Année de publication :	2015
Description :	30 p. : ill. en coul.
Cote :	SM RES 331 2011/12 QIAS

Liste détaillée de monographies

Titre :	**Vivre en maison de chambres dans la ville de Québec : portrait, expériences et enjeux : rapport de recherche**
Auteur :	Clément, Michèle, 1958-
Lieu de publication :	Québec
Éditeur :	Centre de santé et services sociaux de la Vieille-Capitale
Année de publication :	2015
Description :	90 p. : ill., carte en coul.
Cote :	HS RES 515 2015 QIAS

Partie II

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Academic Emergency Medicine

The journal for emergency care clinicians, researchers, and educators

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ACP Journal Club®

The Best New Evidence for Patient Care

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- GM General Internal Medicine, Family Practice, General Practice
- A Allergy & Immunology
- CC Critical Care
- C Cardiology
- D Dermatology
- EM Emergency Medicine
- En Endocrinology
- G Geriatrics
- Gen Genetics
- GI Gastroenterology
- H Hematology/ Thromboembolism
- HO Hospitalists
- ID Infectious Disease
- MH Mental Health
- N Neurology
- Np Nephrology
- O Oncology
- OE Occupational/ Environmental Health
- PM Pulmonology
- PR Physical Medicine & Rehabilitation
- PH Public Health
- R Rheumatology
- T Tropical & Travel Medicine

Review: Perioperative β-blockers have variable effects on outcomes in cardiac and noncardiac surgery HO C JC2

Review: β-blockers do not reduce mortality in myocardial infarction in the reperfusion era GM EM HO C JC3

Early goal-directed therapy did not reduce mortality more than usual care in early septic shock EM HO ID CC JC4

For preventing exacerbations of COPD, withdrawal of inhaled glucocorticoids was noninferior to continuation GM PM JC5

Review: Systemic corticosteroids reduce treatment failure but increase hyperglycemia in COPD exacerbations GM EM HO PM JC6

Review: ≤ 7 and > 7 days of systemic corticosteroids do not differ for efficacy in COPD exacerbations GM EM HO PM JC7

Review: In diabetes with multivessel or left main CAD, PCI increases death/MI/stroke combo compared with CABG C En JC8

Dual antiplatelets for 30 mo after drug-eluting stents reduced stent thrombosis and CV and cerebrovascular events GM C H JC9

Review: In benign paroxysmal positional vertigo, the Epley maneuver increases symptom resolution GM N JC10

In rotator cuff tears, primary tendon repair was better than physiotherapy for some measures of function at 5 years GM PR JC11

In ulcerative colitis, current use of thiopurines was associated with nonmelanoma skin cancer GM G D JC12

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292 Two Authors Reply. *David S. Knopman and V. Shane Pankratz*

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In Brief

Michael P. O'Donnell v **Editor's Notes: Standing Up to Bullies**
How should we deal with bullies? How should we deal with people who wage personal attacks on decent people to create attention for themselves in the guise of having more insight and integrity than all of the rest of us? This is an issue we need to deal with for the first time in the field of workplace health promotion. The way we deal with it may shape the direction of our field in the future and the character we bring to our individual work.

THE SCIENCE OF LIFESTYLE CHANGE

Critical Issues and Trends

Brian D. Lowe, Naomi G. Swanson, Stephen D. Hudock, W. Gregory Lotz 207 **Unstable Sitting in the Workplace—Are There Physical Activity Benefits?**
Over the past 50 years, the number of U.S. occupations requiring physical activity of at least moderate intensity has declined from an estimated 50% to less than 20%. This parallels the increase in sedentary jobs and corroborates an unpublished, but widely publicized, office furniture industry survey estimating that 86% of U.S. workers now do mostly seated work. Trends in general lifestyle and occupational sedentariness have been well described in the obesity prevention and health promotion communities This commentary addresses one specific practice and emerging trend to counteract the office environmental sedentariness experienced by most working Americans—that of unstable sitting (or "active sitting," to which it is sometimes counterintuitively referred). The purpose of this commentary is to broadly summarize studies that have considered health aspects of unstable sitting and to encourage an objective use of the evidence in making decisions about the use of such equipment for sitting.

Interventions

Fitness

Rebecca E. Lee, Scherezade K. Mama, Heather J. Adamus-Leach, Erica G. Soltero 210 **Contribution of Neighborhood Income and Access to Quality Physical Activity Resources to Physical Activity in Ethnic Minority Women Over Time**
This paper creates and tests an index to indicate the availability and quality of physical activity resources, to examine associations between access to quality physical activity resources and changes in physical activity, and to determine whether this association differed by income. The paper uses a longitudinal, 6-month intervention, set in Houston and Austin, Texas, with African-American and Hispanic women. Women (N = 410) completed a physical activity questionnaire and accelerometry to measure physical activity. Neighborhoods (N = 163) were classified as lower or higher income based on median household income at census tract level. Physical activity resources were audited using the PARA. Access to quality physical activity resources was determined by a composite index (QPAR) of features, amenities, and incivilities. Repeated-measures analysis of variance was used to examine changes in physical activity by (1) neighborhood income (lower/higher) and QPAR (lower/higher) groups, and (2) neighborhood income (lower/higher) and number of physical activity resources (lower/higher) groups, adjusting for covariates. Women in neighborhoods with lower QPAR scores had small increases in self-reported vigorous physical activity and decreases in accelerometer physical activity, compared with those with higher QPAR scores, who had larger increases in self-reported vigorous physical activity and increased accelerometer physical activity There was significant interaction between changes in leisure-time physical activity, QPAR score, and physical activity resources numbers.

Sarah E. Messiah, Allison Diego, Jack Kardys, Kevin Kirwin, Eric Hanson, Renae Nottage, Shawn Ramirez, Kristopher L. Arheart 217 **Effect of a Park-Based After-School Program on Participant Obesity-Related Health Outcomes**
In a within-group pretest-posttest design, the effects of Fit-2-Play, an after-school park-based health and wellness intervention, were examined in a sample of children ages 5 to16 years (N = 349; 55% non-Hispanic black). Changes in anthropometric, blood pressure, fitness, and knowledge measures were assessed with general linear mixed models in groups of normal weight (body mass index < 85th percentile for age and sex) and overweight/obese (body mass index > 85th percentile for age and sex) participants. Mean body mass index z score (2.0 to 1.8) and subscapular skinfold measurements (19.4 to 17.5 mm) significantly decreased in the overweight/obese group, and mean laps on the pacer test (10.8 to 12.5) and percent with normal systolic blood pressure (58.1% to 71.0%) significantly increased. In normal-weight participants, healthy body mass index ranges were maintained and fitness levels significantly increased. Both groups improved their health and wellness knowledge. Findings suggest that Fit-2-Play can be a significant resource for combating childhood obesity.

Paul D. Loprinzi, Nazlee Zebardast, Pradeep Y. Ramulu 226 **Cardiorespiratory Fitness and Vision Loss Among Young and Middle-Age U.S. Adults**
This paper examines the association between vision loss and cardiorespiratory fitness among young and middle-age U.S. adults. A cross-sectional design is used of exploration of data from the NHANES 1999–2004. A total of 3135 adults ages 20 to 49 years were included in the study. Cardiorespiratory fitness was assessed from cardiorespiratory extrapolation using heart rate response during submaximal treadmill testing, with inadequate cardiorespiratory fitness defined as <60th percentile for age and gender. Visual acuity was objectively assessed for each eye. Multivariable regression (linear and logistic) models were computed to examine the association between cardiorespiratory fitness and vision. Poorer cardiorespiratory fitness was observed in participants with visual impairment after adjusting for age, gender, race/ethnicity, and comorbid illness. Participants with vision impairment, compared with those with normal sight, had 4.4-fold higher odds of having inadequate cardiorespiratory fitness, whereas participants with uncorrected refractive error were not more likely to demonstrate poorer cardiorespiratory fitness. Adults with visual impairment, but not adults with uncorrected refractive error, demonstrate a significant reduction in cardiorespiratory fitness.

Mind-Body Health

Joshua Berning, Sean M. Murphy 230 **Does Individualized Health Information Regarding Alcohol Consumption Affect Consumption Among Risky Drinkers?**
A retrospective analysis of 5735 adults completing the 2009 Behavioral Risk Factor Surveillance System Annual Survey was examined to determine whether health information provided by a professional health care provider affected the likelihood that risky drinkers would reduce their alcohol consumption. Inclusion criteria included those respondents identified as having hypertension or borderline hypertension and given advice to reduce alcohol consumption because of their condition. Regression analysis was used in data analysis. Results showed that risky drinkers who claimed to have received professional health advice to reduce their alcohol consumption were significantly more likely to decrease their consumption. The authors concluded that advice regarding alcohol consumption can be an effective method to reduce consumption. A key limitation of this study was that the cross-sectional design limits the extent to which causality can be determined.

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Nutrition

Gayathri Kumar, Sohyun Park, Stephen Onufrak — 238
Perceptions About Energy Drinks Are Associated With Energy Drink Intake Among U.S. Youth
Data from 779 youth completing the YouthStyles Survey were analyzed in order to examine sociodemographic and behavioral factors associated with energy drink consumption. The YouthStyles Survey was designed to assess health beliefs and behaviors that are related to health concerns. Regression analysis was used to examine the relationship between energy drink consumption and socioeconomic and behavioral variables. Results showed the odds for drinking energy drinks one or more times per week were significantly higher among youth who agreed that energy drinks are safe for teens as well as those who agreed that energy drinks are a type of sports drink. The authors concluded that many youth may be unaware or misinformed about the potential health effects and nutritional concerns of energy drinks. A key limitation was that this was a cross-sectional study, and as a result causality cannot be established and thus generalizability is limited.

Ulka Agarwal, Suruchi Mishra, Jia Xu, Susan Levin, Joseph Gonzales, Neal D. Barnard — 245
A Multicenter Randomized Controlled Trial of a Nutrition Intervention Program in a Multiethnic Adult Population in the Corporate Setting Reduces Depression and Anxiety and Improves Quality of Life: The GEICO Study
This paper determines whether a plant-based nutrition program in a multicenter, corporate setting improves depression, anxiety, and productivity. It uses a quasi-experimental design examining the impact of diet on emotional well-being and productivity from 10 corporate sites of a major U.S. insurance company. There were 292 participants (79.8% women, 20.2% men) with body mass index ≥ 25 kg/m^2 and/or previous diagnosis of type 2 diabetes. People received either weekly instruction in following a vegan diet, or no instruction for 18 weeks. Depression and anxiety were measured using the Short Form-36 questionnaire. Work productivity was measured using the Work Productivity and Activity Impairment questionnaire. Baseline characteristics were examined by t-test for continuous variables and χ^2 for categoric variables. Analysis of covariance models and paired t-tests were also used. In an intention-to-treat analysis, improvements in impairment while working because of health, overall work impairment because of health, non–work-related activity impairment because of health, depression, anxiety, fatigue, emotional well-being, daily functioning, and general health in the intervention group were significantly greater than in the control group.

Heather Kane, Karen Strazza, Jan L. Losby, Rashon Lane, Kristy Mugavero, Andrea S. Anater, Corey Frost, Marjorie Margolis, James Hersey — 255
Lessons Learned From Community-Based Approaches to Sodium Reduction
In a multiple case study design, lessons learned from a Centers for Disease Control and Prevention initiative encompassing sodium reduction interventions in six communities were examined. Documentary data and interviews with key stakeholders ($n = 80$) were used to identify challenges, facilitators, and lessons learned from the strategies implemented. Findings highlight the importance of building relationships with partners to understand their concerns; involving individuals knowledgeable about specific venues early; incorporating sodium reduction efforts and messaging into broader nutrition efforts; designing programs to reduce sodium gradually, taking into account consumer preferences and taste transitions; and identifying ways to address the cost of lower-sodium products. Findings may assist practitioners in planning community-based sodium reduction interventions.

Tobacco Control

Danielle E. Ramo, Howard Liu, Judith J. Prochaska — e126
A Mixed-Methods Study of Young Adults' Receptivity to Using Facebook for Smoking Cessation: If You Build It, Will They Come?
Qualitative and quantitative designs were used to answer: (1) Are young adults interested in a smoking cessation intervention through Facebook? (2) Should a Facebook intervention be targeted to a particular type of smoker? (3) How exactly can/should Facebook be used to help young adults quit smoking? Participants included 18- to 25-year-old young adults who smoked at least one cigarette in the past 30 days. Advertisements on Facebook invited young adults to participate in a 20-minute online survey with a chance to win a prize worth $100. Eligible participants completed a questionnaire focused on tobacco use, Internet use, and receptivity to using social networking Web sites for smoking cessation. Some participants agreed to complete an online interview. Results showed that interest in using Facebook to quit smoking in the future was great among those with greater motivation to quit smoking. The authors concluded that a Facebook intervention could appeal to young adult smokers who use Facebook and are interested in quitting smoking. Recall bias due to self-reporting is a limitation that could affect study findings and generalizability.

Jacob B. Depue, Brian G. Southwell, Anne E. Betzner, Barbara M. Walsh — 259
Encoded Exposure to Tobacco Use in Social Media Predicts Subsequent Smoking Behavior
This paper assesses the potential link between smoking behavior and exposure to mass media depictions of smoking on social networking Web sites, using data from a representative longitudinal panel of 200 young adults (ages 18–24 years) in Connecticut. These people were contacted through telephone surveys. To measure encoded exposure, respondents were asked whether or not they had smoked a cigarette in the past 30 days and about how often they had seen tobacco use on television, in movies, and in social media content. Respondents were also asked about cigarette use in the past 30 days. Logistic regression was used to test for the main prediction that reported exposure to social media tobacco depictions at time 1 would influence time 2 smoking behavior. Encoded exposure to social media tobacco depictions ($B = 0.47$, $p < .05$) was a significant predictor of time 2 smoking. The results suggest that social media depictions of tobacco use predict future smoking tendency, over and above the influence of TV and movie depictions of smoking.

Weight Control

Larry A. Tucker, Jared M. Tucker, Bruce W. Bailey, James D. LeCheminant — e136
Dietary Patterns as Predictors of Body Fat and BMI in Women: A Factor Analytic Study
This paper identifies independent patterns of diet to determine the extent to which dietary patterns account for differences in body fat percentage and body mass index. The paper also examines the extent to which the associations are influenced by age, education, menopause, energy intake, and physical activity. A cross-sectional design is employed with 20 cities in the Mountain West and 281 female nonsmokers. Diet was assessed using 7-day weighed food records, and foods were categorized using ADA Exchange Lists, expressed as servings per 1000 kcal. Body fat percentage was measured using Bod Pod, and physical activity was estimated using accelerometers worn for 1 week. Factor analysis, general linear models, and partial correlations were used. Three dietary patterns were identified: (1) prudent pattern, (2) low-fat milk, and (3) meat. Higher consumption of the prudent pattern corresponded with significantly lower body fat percentage and body mass index. The low-fat milk pattern was inversely related to body fat percentage and body mass index. Higher intake of the meat pattern was related to higher levels of body fat percentage and body mass index.

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Larry A. Tucker, Jared M. Tucker, Bruce W. Bailey, James D. LeCheminant — 262
A 4-Year Prospective Study of Soft Drink Consumption and Weight Gain: The Role of Calorie Intake and Physical Activity
This study examines the association between soft drink consumption and risk of weight gain during 4 years, and whether the relationship between soft drink intake and weight gain is a result of differences in calorie intake or physical activity, or other potential mediating factors. The study uses a 4-year prospective cohort with 170 nonsmoking women from around 20 cities in Utah and Wyoming. Soft drink consumption and menopause status were measured using a questionnaire; calorie intake was estimated using 7-day, weighed, food records; and physical activity was assessed using 7-day accelerometer data. Weight was assessed using an electronic scale at baseline and follow-up. The 4-year weight gain in participants who, at baseline, consumed sugar-sweetened soft drinks (2.7 ± 5.1 kg) was greater than in participants who consumed artificially sweetened soft drinks (−0.1 ± 4.4 kg) or no soft drinks (0.5 ± 5.1 kg). Adjusting for objectively measured PA had no effect on risk of weight gain. Controlling statistically for differences in calorie intake significantly weakened the relationship between soft drink consumption and weight gain by 28%.

Research Methods

Measurement Issues

Julia K. Kolodziejczyk, Gregory J. Norman, Scott C. Roesch, Cheryl L. Rock, Elva M. Arredondo, Hala Madanat, Kevin Patrick — e147
Exploratory and Confirmatory Factor Analyses and Demographic Correlate Models of the Strategies for Weight Management Measure for Overweight or Obese Adults
Both exploratory factor analyses and confirmatory factor analyses were used to identify the relationships between factors in the 35-item Strategies for Weight Management (SWM) questionnaire. The exploratory factor analyses involved completion of the SWM questionnaire by 404 overweight or obese university students enrolled a social media/technology-based approach to promoting weight loss. For the confirmatory factor analyses, 236 overweight or obese adults from the community who were enrolled in a weight loss text messaging program completed the SWM. Multiple statistical procedures, including χ^2 and linear regression, were used to analyze the data. Results showed weak associations between SWM scores and several demographic variables in both samples. The authors concluded that SWM could help researchers to create effective approaches to weight management for weight loss among overweight and obese adults. Because the SWM measure may not contain all relevant weight loss strategies, other factors not addressed in this study may also be important.

NiCole R. Keith, Daniel O. Clark, Timothy E. Stump, Christopher M. Callahan — 266
Validity of Self-Reported Fitness Across Black and White Race, Gender, and Health Literacy Subgroups
This study used a cross-sectional survey data from a Midwest urban primary care center and commercial fitness center to compare concurrent criterion validity of self-reported fitness (SRFit), a new fitness measure between black and white race, gender, and health literacy groups. Concurrent validity was assessed using Pearson and Spearman rank order correlations. The authors reported that the SRFit demonstrated consistent concurrent validity across race, gender, and health literacy. Based on their results, they suggested that the SRFit survey could potentially be a useful alternative when time, space, expertise, or funding is inadequate to facilitate physical testing.

Hasibe Kadioglu, Saime Erol, Ayse Ergun — 273
Reliability and Validity of the Turkish Version of the Situational Self-Efficacy Scale for Fruit and Vegetable Consumption in Adolescents
The purpose of this research was to examine the psychometric properties of the Turkish version of the situational self-efficacy scale for vegetable and fruit consumption in adolescents. This paper reports on a methodological study in four public secondary schools in Istanbul-Turkey with 1586 adolescents. Content and construct validity were assessed to test the validity of the scale. The reliability was assessed in terms of internal consistency and test-retest reliability. For confirmatory factor analysis, χ^2 statistics plus other fit indices were used including GFI, AGFI, NNFI, CFI, SRMR, and RMSEA. Pearson's correlation was used for test-retest reliability and item-total correlation. The internal consistency was assessed by using Cronbach α. The self-efficacy and stage of change was compared using analysis of variance. Confirmatory factor analysis strongly supported the three-component structure representing positive social (α = .81), negative effect (α = .93), and difficult situations (α = .78). Psychometric analyses of the Turkish version of the situational self-efficacy scale indicate high reliability and good content and construct validity.

Abstracts — 276
Two abstracts are featured from a selected publication.

The Art of Health Promotion

Paul E. Terry — TAHP-1
Editor's Desk: The Coaction Issue
Case studies from practitioners and discoveries from researchers are suggesting surprising alternatives to common assumptions about behavior change.

Marie-Josée Shaar, Kathryn Britton — TAHP-2
Changing Mindsets: How Our Clients, and Our Profession, Can Think Differently About Changing Health Habits
A case example featuring a health coaching participant with multiple risks and difficult decisions about where and how to start.

Sara S. Johnson, Patricia H. Castle — TAHP-4
How Do Sleep, Food, Mood, and Exercise Relate to Well-Being?
A look at the co-occurrence of risk behaviors and how well-being relates to total number of risk behaviors.

Sara S. Johnson, Kerry E. Evers — TAHP-6
Advances in Multiple Behavior Change
A review of new findings about coaction and paired action: discoveries from research on multiple behavior change interventions.

Sara S. Johnson, Kerry E. Evers — TAHP-8
Using Individually Tailored and Mobile Behavior Change Solutions to Promote Multiple Behavior Change
Using the right behavior change principles at the right time to successfully address multiple behaviors simultaneously.

Paul E. Terry — TAHP-11
Coaction Is a Finding, Not a Theory. So How Do We Put Coaction to Use?
Coaction is a finding that signals practitioners should be more mindful of the synergistic and beneficial aspects of intervening on multiple behaviors. We need to find ways to make the concepts discussed in this line of research more accessible.

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Original Research

Cost-Effectiveness and Budget Impact of Hepatitis C Virus Treatment With Sofosbuvir and Ledipasvir in the United States 397

J. Chhatwal, F. Kanwal, M.S. Roberts, and M.A. Dunn

The recent approval of sofosbuvir plus ledipasvir, the first oral combination therapy for hepatitis C virus (HCV) treatment, has enabled many patients who were unable to tolerate previous therapies to become eligible for HCV treatment. However, this therapy is very expensive. The authors evaluated the cost-effectiveness and budget impact of sofosbuvir–ledipasvir. They concluded that the treatment is cost-effective in most patients with HCV, but additional resources and value-based patient prioritization will be needed to manage such patients.

Cost-Effectiveness of Novel Regimens for the Treatment of Hepatitis C Virus 407

M. Najafzadeh, K. Andersson, W.H. Shrank, A.A. Krumme, O.S. Matlin, T. Brennan, J. Avorn, and N.K. Choudhry

Treating HCV with newer regimens seems efficacious but expensive. The authors analyzed the cost-effectiveness of standard regimens versus newer regimens containing sofosbuvir for each HCV genotype and found that newer regimens were cost-effective for genotype 1 and probably genotype 3 but not genotype 2. Reducing the prices of newer HCV drugs may not only be cost-effective but may also reduce the cost of HCV treatment over time.

Effect of a Culture-Based Screening Algorithm on Tuberculosis Incidence in Immigrants and Refugees Bound for the United States. A Population-Based Cross-sectional Study 420

Y. Liu, D.L. Posey, M.S. Cetron, and J.A. Painter

Tuberculosis (TB) screening of immigrants and refugees bound for the United States has been based on a smear-based screening algorithm. This cross-sectional study evaluated the effect of a culture-based algorithm, introduced in 2007, on preventing importation of TB to the United States. The culture-based algorithm increased the number of TB cases detected in immigrants and refugees. The authors conclude that screening strategies should be expanded to reduce the number of new TB cases in the United States.

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Cervical Spine Clearance in Obtunded Patients After Blunt Traumatic Injury. A Systematic Review 429

J.H. Badhiwala, C.K. Lai, W. Alhazzani, F. Farrokhyar, F. Nassiri, M. Meade, A. Mansouri, N. Sne, M. Aref, N. Murty, C. Witiw, S. Singh, B. Yarascavitch, K. Reddy, and S.A. Almenawer

Protocols for cervical spine clearance are controversial for unconscious patients after blunt traumatic injury and negative computed tomography findings. The potential emotional, psychological, and social burdens faced by these patients can lead physicians to prolong collar use as a defensive measure rather than one based on medical necessity. This systematic review found that cervical spine clearance in obtunded adults after blunt traumatic injury with negative computed tomography results is probably safe and efficient.

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Cardiac Screening With Electrocardiography, Stress Echocardiography, or Myocardial Perfusion Imaging: Advice for High-Value Care From the American College of Physicians 438

R. Chou, for the High Value Care Task Force of the American College of Physicians

In this article, the High Value Care Task Force of the American College of Physicians recommends against the use of resting or stress electrocardiography, stress echocardiography, or stress myocardial perfusion imaging to screen for cardiac disease in asymptomatic, low-risk adults. The Task Force recommends that clinicians instead focus on strategies for mitigating cardiovascular risk by treating modifiable risk factors and encouraging healthy levels of exercise.

CME quiz available at www.annals.org

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G.R. Shroff

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D. Satcher
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D. Cotton
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On Being a Doctor

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K. Hirni and B. Carter
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Cover photographer: ***Craig Anthony Lewis, BS***
Subject: ***A. Evan Lewis, MD, PhD***

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677 **The Relationship Between Performance on the Infectious Diseases In-Training and Certification Examinations**
Irina Grabovsky, Brian J. Hess, Steven A. Haist, Rebecca S. Lipner, Janine L. Hawley, Stephanie Woodward, and N. Cary Engleberg

Validity aspects of the Infectious Diseases Society of America In-Training Examination (ITE) are presented. A strong relationship between ITE scores and certification examination performance supports the use of the ITE as a valid feedback tool in infectious diseases fellowship training.

684 ***Editorial Commentary*: In-Training Examination in Infectious Diseases and Certification Examinations**
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686 **Maternal Titers After Adequate Syphilotherapy During Pregnancy**
Martha W. F. Rac, Stefanie N. Bryant, Joseph B. Cantey, Donald D. McIntire, George D. Wendel Jr, and Jeanne S. Sheffield

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691 ***Editorial Commentary*: Post-Syphilotherapy Titers in Pregnancy**
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693 **Validation of the Wild-type Influenza A Human Challenge Model H1N1pdMIST: An A(H1N1)pdm09 Dose-Finding Investigational New Drug Study**
Matthew J. Memoli, Lindsay Czajkowski, Susan Reed, Rani Athota, Tyler Bristol, Kathleen Proudfoot, Sarah Fargis, Matthew Stein, Rebecca L. Dunfee, Pamela A. Shaw, Richard T. Davey, and Jeffery K. Taubenberger

A wild-type influenza challenge model of healthy volunteers under the Investigational New Drug system has been successfully and safely validated. This model facilitated unique observations of viral pathogenesis and will facilitate evaluation of novel vaccines and therapeutics in the future.

703 ***Pseudomonas aeruginosa* in Cystic Fibrosis Patients With G551D-CFTR Treated With Ivacaftor**
Sonya L. Heltshe, Nicole Mayer-Hamblett, Jane L. Burns, Umer Khan, Arthur Baines, Bonnie W. Ramsey, and Steven M. Rowe; on behalf of the GOAL (the G551D Observation-AL) Investigators of the Cystic Fibrosis Foundation Therapeutics Development Network

This is the first assessment of microbiologic changes associated with ivacaftor treatment of cystic fibrosis patients with the G551D mutation, and demonstrates a significant reduction in *Pseudomonas aeruginosa*, suggesting that cystic fibrosis transmembrane conductance regulator modulation may modify disease course by altering respiratory microbiology.

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713 **Application of the 2008 Definitions for Invasive Fungal Diseases to the Trial Comparing Voriconazole Versus Amphotericin B for Therapy of Invasive Aspergillosis: A Collaborative Study of the Mycoses Study Group (MSG 05) and the European Organization for Research and Treatment of Cancer Infectious Diseases Group**
Raoul Herbrecht, Thomas F. Patterson, Monica A. Slavin, Oscar Marchetti, Johan Maertens, Elizabeth M. Johnson, Haran T. Schlamm, J. Peter Donnelly, and Peter G. Pappas

Episodes of invasive aspergillosis (IA) recruited to the voriconazole trial were reclassified according to the revised EORTC/MSG definitions. The efficacy of voriconazole was confirmed for possible, probable, and proven IA and was still better than found for the comparator arm.

721 **Current Management of Cystic Echinococcosis: A Survey of Specialist Practice**
Laura Eve Nabarro, Zahir Amin, and Peter L. Chiodini

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Ignacio A. Echenique, Sudhir Penugonda, Valentina Stosor, Michael G. Ison, and Michael P. Angarone

Solid organ transplant recipients frequently suffer diarrhea. In 534 admissions over an 18-month study period 30.1% of community-onset diarrhea was found to be infectious, consisting predominantly of *Clostridium difficile*, norovirus, and cytomegalovirus, whereas other causes were rare.

738 ***Editorial Commentary*: Microbiologic Testing in Post–Solid Organ Transplant Diarrhea**
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741 **Impact of Early Valve Surgery on Outcome of *Staphylococcus aureus* Prosthetic Valve Infective Endocarditis: Analysis in the International Collaboration of Endocarditis–Prospective Cohort Study**
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Using appropriate analytical methods to examine data from the International Collaboration on Endocarditis–Prospective Cohort Study, we found that early valve surgery was not associated with reduced 1-year mortality in *Staphylococcus aureus* prosthetic valve infective endocarditis.

750 ***Editorial Commentary*: Surgical Therapy for *Staphylococcus aureus* Prosthetic Valve Endocarditis: Proceed With Caution (*Caveat Emptor*)**
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753 ***Staphylococcus aureus* Skin Infection Recurrences Among Household Members: An Examination of Host, Behavioral, and Pathogen-Level Predictors**
Loren G. Miller, Samantha J. Eells, Michael Z. David, Nancy Ortiz, Alexis R. Taylor, Neha Kumar, Denise Cruz, Susan Boyle-Vavra, and Robert S. Daum

In this longitudinal study, patients with a *Staphylococcus aureus* skin infection were more likely to suffer a recurrence if household fomites were contaminated with methicillin-resistant *S. aureus*. Interventions to prevent recurrence may be enhanced by decontamination of household fomites.

764 **Complex Anemia in Tuberculosis: The Need to Consider Causes and Timing When Designing Interventions**
Peter A. Minchella, Simon Donkor, Olumuyiwa Owolabi, Jayne S. Sutherland, and Joann M. McDermid

Anemia and tuberculosis comorbidity is common, and effective resolution of anemia must link interventions to causes. Inflammation anemia responds to tuberculosis treatment but iron-deficiency anemia does not. Monitoring iron-related biomarkers can inform effective and appropriately timed anemia interventions.

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Ronald G. Nahass

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G. Ralph Corey, Ethan Rubinstein, Martin E. Stryjewski, Matteo Bassetti, and Steven L. Barriere

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This study found that 1 week of daily preexposure prophylaxis (PrEP) confers high PrEP activity for men who have sex with men, and 4 weeks of continued PrEP is reasonable following the last potential human immunodeficiency virus exposure.

811 **Differential Body Composition Effects of Protease Inhibitors Recommended for Initial Treatment of HIV Infection: A Randomized Clinical Trial**
Esteban Martinez, Ana Gonzalez-Cordon, Elena Ferrer, Pere Domingo, Eugenia Negredo, Felix Gutierrez, Joaquin Portilla, Adrià Curran, Daniel Podzamczer, Esteban Ribera, Javier Murillas, Jose I. Bernardino, Ignacio Santos, Jose A. Carton, Joaquim Peraire, Judit Pich, Ramon Deulofeu, Ignacio Perez, and Jose M. Gatell; on behalf of the ATADAR Study Group

We found no major differences between atazanavir/ritonavir and darunavir/ritonavir in efficacy, clinically relevant side effects, or cholesterol fractions. However, atazanavir/ritonavir led to higher triglycerides and more total and subcutaneous fat than darunavir/ritonavir. Also, fat gains with atazanavir/ritonavir were associated with insulin resistance.

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e11 **Maternal Influenza Immunization and Birth Outcomes of Stillbirth and Spontaneous Abortion: A Systematic Review and Meta-analysis**
Kristin N. Bratton, Melissa T. Wardle, Walter A. Orenstein, and Saad B. Omer

This review provides further evidence of safety of maternal influenza immunization with regard to birth outcomes of stillbirth and spontaneous abortion. Further research must continue to more thoroughly characterize the effect of influenza vaccination during pregnancy on adverse birth outcomes.

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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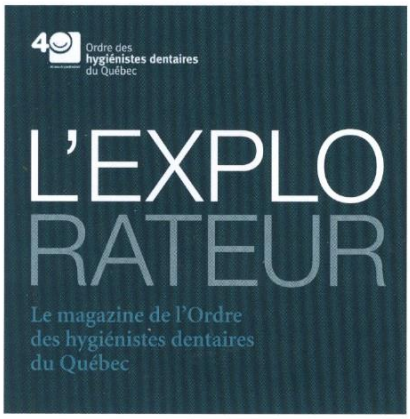

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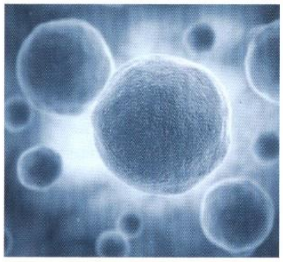

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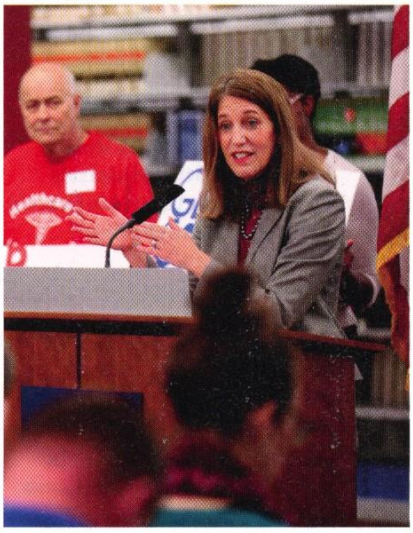

ACA challenge: Sylvia Burwell, secretary of health and human services, encouraged consumers to enroll in health insurance during a news conference on Thursday, November 13, 2014, at the Columbus Metropolitan Library in Columbus, Ohio. The Supreme Court's ruling may determine whether low- and middle-income enrollees from states, such as Ohio, that rely on the federally facilitated insurance Marketplace will continue to receive subsidies meant to help them afford coverage under the Affordable Care Act.

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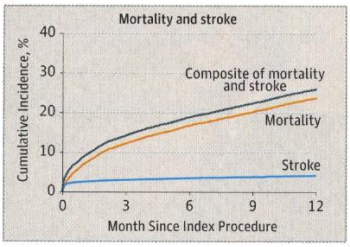

Holmes and colleagues examined 1-year patient outcomes after transcatheter aortic valve replacement (TAVR) in an analysis of linked Medicare claims and Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy (STS/ACC TVT) Registry data. Patients (n=12 182) who underwent TAVR between November 2011 and July 2013 were included in the analysis. The authors report that at 1-year follow-up, overall mortality was 23.7%, the stroke rate was 4.1%, and rate of the composite outcome of death and stroke was 26.0%. In the year after TAVR, 24.4% of survivors were rehospitalized once, and 12.5% were rehospitalized twice.

Continuing Medical Education jamanetworkcme.com

Familial Hypercholesterolemia and Prevalence of Diabetes 1029

Familial hypercholesterolemia is characterized by impaired cellular cholesterol uptake. In light of evidence that statin therapy is associated with an increased risk of type 2 diabetes, Besseling and colleagues hypothesized that perturbations in transmembrane cholesterol transport may be linked to development of type 2 diabetes and they assessed the relationship in a cross-sectional study involving 25 137 patients with familial hypercholesterolemia and 38 183 unaffected relatives. The authors found a lower prevalence of diabetes among individuals with familial hypercholesterolemia. In an Editorial, Preiss and Sattar discuss a possible link between the low-density lipoprotein receptor and diabetes risk.

Editorial 1016

Treatment of Displaced Proximal Humeral Fractures 1037

The role of surgery for most displaced proximal humeral fractures is unclear. Rangan and colleagues randomly assigned 250 adult patients with a displaced fracture of the proximal humerus involving the surgical neck to undergo surgical treatment or sling immobilization, with standard rehabilitation provided to both groups. The authors found that patient-reported clinical outcomes assessed in the 2 years after fracture occurrence were not significantly different between the treatment groups.

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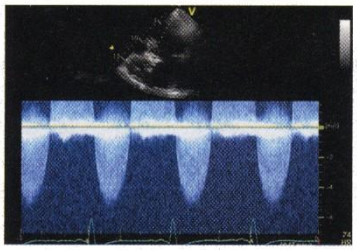
Clinical Review & Education

Food Antioxidants to Prevent Cataract 1048

Oxidative stress from physiological and environmental factors is a risk for cataract development. An article in *JAMA Ophthalmology* reported that dietary antioxidant intake—primarily from fruits, vegetables, whole grains, and coffee—was inversely associated with the risk of age-related cataract in a prospective cohort of middle-aged and elderly Swedish women. In this From The JAMA Network article, Mares discusses the evidence linking antioxidant foods and supplements with cataract prevention.

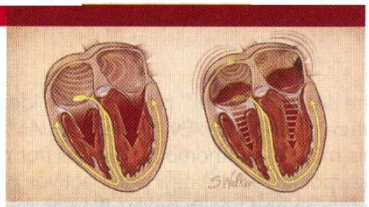
Doppler Echocardiography in the Evaluation of a Heart Murmur 1050



This JAMA Diagnostic Test Interpretation article by Foppa and colleagues presents the case of a 91-year-old woman with a history of hypertension who presented for a routine office visit. She denied chest pain, dyspnea on exertion, presyncope, or orthopnea. Her blood pressure was 140/76 mm Hg. Her lungs were clear. Cardiac examination demonstrated a regular rate and rhythm, normal S_1, and systolic and diastolic murmurs. A 2-dimensional Doppler transthoracic echocardiogram was performed to assess valvular function, cardiac chamber size, and cardiac wall thickness. How would you interpret the echocardiography findings?

From The Medical Letter: Drugs for Chronic Heart Failure 1052

This *Medical Letter on Drugs and Therapeutics* article provides a concise summary of recommendations for drug treatment of patients with chronic heart failure with reduced ejection fraction—defined as a left ventricular ejection fraction of 40% or less. Briefly, unless contraindicated, all patients should be prescribed both an angiotensin-converting enzyme inhibitor and a β-blocker. A diuretic should be added if there is volume overload. An aldosterone antagonist can be considered for patients who are symptomatic or have left ventricular dysfunction after myocardial infarction.



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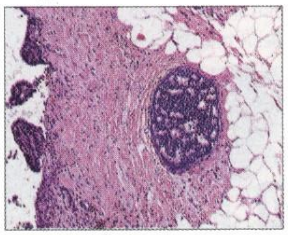
Research

Duration of Antiplatelet Therapy After Coronary Stenting 1113

In a prior analysis, the Dual Antiplatelet Therapy (DAPT) study investigators found that among 9961 study participants who underwent coronary artery stenting with placement of a drug-eluting stent, aspirin and thienopyridine use beyond 12 months resulted in reductions in stent thrombosis and major adverse cardiac and cerebrovascular events (MACCE). In this article, Kereiakes and colleagues report that among the 1687 DAPT study participants who received a bare metal stent and tolerated 12 months of thienopyridine, random assignment to continue thienopyridine (vs placebo) for an additional 18 months did not result in statistically significant differences in stent thrombosis, MAACE, or moderate or severe bleeding.

Continuing Medical Education jamanetworkcme.com

Diagnostic Concordance in Breast Biopsy Interpretation 1122



Approximately 1.6 million women in the United States have breast biopsies each year with subsequent treatment management dependent on the pathology diagnosis. In a study that involved 115 pathologists from 8 states who independently interpreted a test set of breast biopsies, Elmore and colleagues sought to quantify the magnitude of diagnostic agreement between the pathologists' diagnosis and a consensus panel reference diagnosis for each case. The authors report that overall concordance between the pathologists' interpretations and the reference diagnoses was 75.3%. In an Editorial, Davidson and Rimm discuss implications of the study findings for patients, clinicians, and pathologists.

Editorial 1109
Author Video Interview jama.com

Genes and Risk of Aspirin- and NSAID-Related Colorectal Cancer 1133

In an analysis of data from 8634 patients with colorectal cancer and 8553 matched controls of European descent, Nan and colleagues tested gene-by-environment interactions between regular use of aspirin or nonsteroidal anti-inflammatory drugs (NSAIDs) and single-nucleotide polymorphisms (SNPs) in relation to colorectal cancer risk. The authors found an association between use of aspirin or NSAIDs and lower risk of colorectal cancer risk that differed according to genetic variation at 2 SNPs on chromosomes 12 and 15. In an Editorial, Wender discusses gene-environment interactions and risk of colorectal cancer.

Editorial 1111

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Early Imaging for Back Pain in Older Adults 1143

To assess whether early spine imaging improves outcomes among older adults with back pain, Jarvik and colleagues analyzed prospective data from patients aged 65 years or older with a new primary care visit for low back pain without radiculopathy. Patients who underwent early imaging (within 6 weeks of the index visit; n=1523) were propensity score-matched with patients who did not. The authors found that early imaging was not associated with less pain or disability at 1-year follow-up.

Author Audio Interview jama.com

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Risk Factors for Suicide Among Army Personnel 1154

In this From The JAMA Network article, Friedman discusses 3 articles published in *JAMA Psychiatry* that report new data regarding risk factors for military suicides from the Army Study to Assess Risk and Resilience in Servicemembers. He highlights insights from the study that can inform new approaches to improve mental health and prevent suicide among military personnel.

Screening for Abdominal Aortic Aneurysm 1156

This JAMA Clinical Guidelines Synopsis article by Bird and Davis summarizes the 2014 US Preventive Services Task Force guideline for abdominal aortic aneurysm screening in asymptomatic adults. The guideline supports 1-time screening with ultrasonography for men aged 65 to 75 years who have ever smoked. There is inadequate evidence to support screening in women.

Diffuse Vesicular Rash With Intractable Pruritus 1158

An elderly man presented with a diffuse rash and intractable pruritus of several months' duration. Twenty years ago he was diagnosed with dermatitis herpetiformis; however, he reported treatment with sulfapyridine and dapsone was of limited benefit. He also reported having chronic diarrhea that improved with a gluten-free diet. Physical examination revealed widely distributed grouped papules and vesicles and extensive excoriations. What would you do next?

Quiz jama.com

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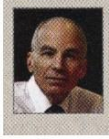

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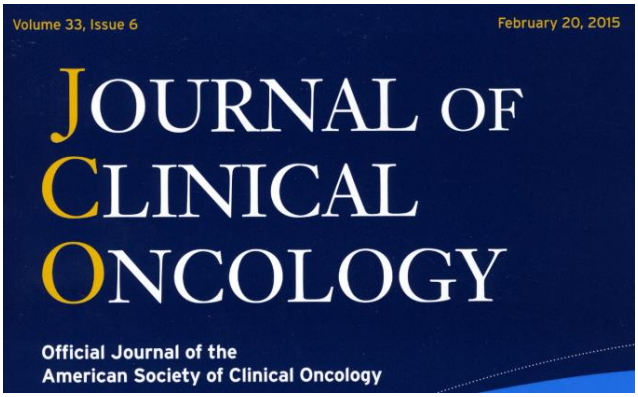

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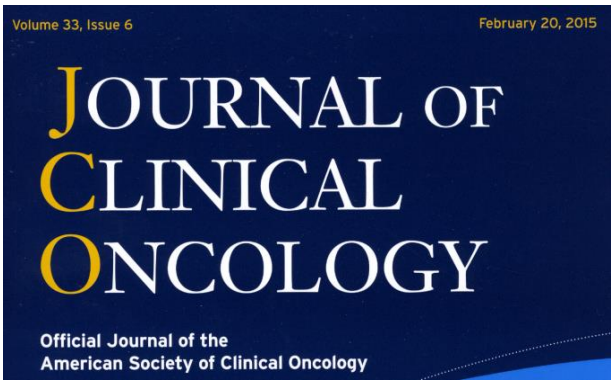

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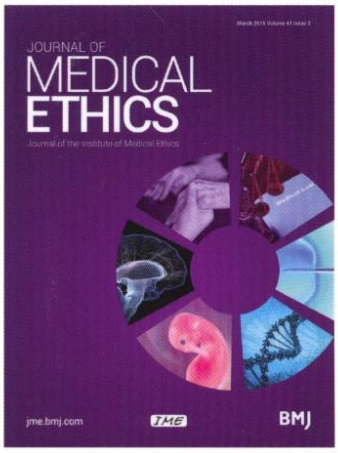

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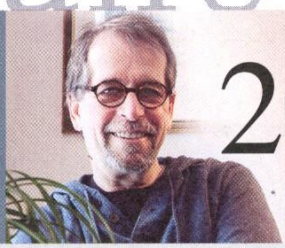

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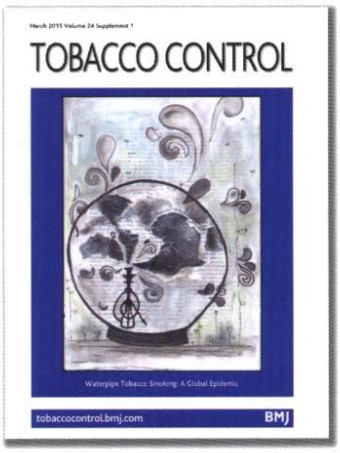

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