

Disinvestment & Early Awareness Interest Group — ALERTS

Issue 3, December 2019

Introduction

Welcome to the third alert for those interested in disinvestment and horizon scanning in health technology assessment. This alert is part of a collaborative effort by [HTAi](#), the [Norwegian Institute of Public Health](#), and [CADTH](#) to provide updates on new studies relevant to disinvestment, reassessment, early awareness and horizon scanning. Alerts are issued quarterly and members of the [Disinvestment & Early Awareness Interest Group](#) will receive an email notification when new issues are posted on the [HTAi web site](#).

The intent of these alerts is not to identify specific technologies for disinvestment or early assessment, but rather to select papers on methods and issues, and broader forecasts of technologies that may be of interest. A second aim of the project is to reduce duplication of effort by providing current awareness that we hope will be relevant for many HTA agencies. The search strategies were drafted and peer reviewed by the Information Specialists for this pilot project and the search strategies are available upon request.

The references in this alert are selected from search results (for both disinvestment and for horizon scanning) from PubMed and Google. The publications for this third issue were selected from searches covering the period September to November 2019.

Where the full publication is freely available the title is hyperlinked. Where a subscription is required, the PubMed (PM) id is hyperlinked to the abstract in PubMed.

Your Feedback on these Alerts

We would like your comments on the value of these Alerts. Please let us know by pasting these two questions and your comments in an email to: Leigh-AnnT@cadth.ca:

- 1. Is this Alert providing you with information that is relevant or of interest for your work?
Yes/No – If yes, please explain how it is useful. If no, please let us know why not.**
- 2. Do you have any other feedback or suggestions for improving these Alerts?**

Disinvestment

Born K, Kool T, Levinson W. [Reducing overuse in healthcare: advancing Choosing Wisely](#). BMJ. 2019 Nov 5;367:l6317.

[PubMed PMID: 31690578](#).

Burton C, Williams L, Bucknall T, Edwards S, Fisher D, Hall B, et al. [Understanding how and why de-implementation works in health and care: research protocol for a realist synthesis of evidence](#). Syst Rev. 2019 Aug 5;8(1):194.

[PubMed PMID: 31383018](#)

Fredriksson M, Gustafsson IB, Winblad U. **Cuts without conflict: the use of political strategy in local health system retrenchment in Sweden**. Soc Sci Med. 2019 Sep;237:112464.

[PubMed PMID: 31430657](#)

Le Bosquet K, Barnett N, Minshull J. [Deprescribing: practical ways to support person-centred, evidence-based deprescribing](#). Pharmacy (Basel). 2019 Sep 3;7(3).

[PubMed PMID: 31484305](#)

Linsky A, Gellad WF, Linder JA, Friedberg MW. **Advancing the science of deprescribing: a novel comprehensive conceptual framework**. J Am Geriatr Soc. 2019 Oct;67(10):2018-2022.

[PubMed PMID: 31430394](#)

Makic MBF, Granger BB. **Deimplementation in clinical practice: what are we waiting for?** AACN Adv Crit Care. Fall 2019;30(3):282-286.

[PubMed PMID: 31462526](#)

Maloney MA, Schwartz L, O'Reilly D, Levine M. [Health technology agency insights: informing modification of a qualitative benefit risk framework for health technology reassessment of prescription medications](#). Int J Technol Assess Health Care. 2019 Sep 16:1-9.

[PubMed PMID: 31524113](#)

McCabe C, Round J. **Hard choices: reflections from the tomb of the unknown patient**. Healthc Manage

Forum. 2019 Nov;32(6):288-292.

[PubMed PMID: 31505957](#)

Mitchell D, O'Brien L, Bardoel A, Haines T. [Understanding health professional responses to service disinvestment: a qualitative study](#). Int J Health Policy Manag. 2019 Jul 1;8(7):403-411.

[PubMed PMID: 31441277](#)

Moes F, Houwaart E, Delnoij D, Horstman K. [Collective constructions of 'waste': epistemic practices for disinvestment in the context of Dutch social health insurance](#). BMC Health Serv Res. 2019 Sep 5;19(1):633.

[PubMed PMID: 31488152](#)

O'Connor DA, Buchbinder R. **More signals that overuse of healthcare is a pervasive problem contributing to health system waste**. Intern Med J. 2019 Jul;49(7):815-817.

[PubMed PMID: 31295772](#)

Salerno S, Laghi A, Cantone MC, Sartori P, Pinto A, Frija G. **Overdiagnosis and overimaging: an ethical issue for radiological protection**. Radiol Med. 2019 Aug;124(8):714-720.

[PubMed PMID: 30900132](#).

Sipilä R, Mäkelä M, Komulainen J. [Highlighting the need for de-implementation - Choosing Wisely recommendations based on clinical practice guidelines](#). BMC Health Serv Res. 2019 Sep 5;19(1):638.

[PubMed PMID: 31488146](#)

Zadro JR, Farey J, Harris IA, Maher CG. [Do choosing wisely recommendations about low-value care target income-generating treatments provided by members? A content analysis of 1293 recommendations](#). BMC Health Serv Res. 2019 Nov 11;19(1):707.

[PubMed PMID: 31707993](#)

Horizon Scanning

Bublitz F, Oetomo A, Sahu K, Kuang A, Fadrique L, Velmovitsky P, Nobrega R, Morita P. [Disruptive technologies for environment and health research: an overview of artificial intelligence, blockchain, and Internet of Things](#). Int J Environ Res Public Health. 2019 Oct 11;16(20). pii: E3847.
[PubMed PMID: 31614632](#)

Carroll C, Dickson R, Boland A, Houten R, Walton M. **Decision-making by the NICE Interventional Procedures Advisory Committee**. Br J Surg. 2019 Oct 25.
[PubMed PMID: 31654418](#)

Dinh-Le C, Chuang R, Chokshi S, Mann D. [Wearable health technology and electronic health record integration: scoping review and future directions](#). JMIR Mhealth Uhealth. 2019 Sep 11;7(9):e12861.
[PubMed PMID: 31512582](#)

Dzau VJ, Balatbat CA. [Future of hypertension](#). Hypertension (Dallas, Tex : 1979) 2019;74(3):450-7.
[PubMed PMID: 31352827](#)

Farrar J. [Science, innovation and society: what we need to prepare for the health challenges of the twenty-first century?](#) Int Health. 2019 Sep 2;11(5):317-320.
[PubMed PMID: 31529109](#)

Fitzpatrick MB, Thakor AS. [Advances in precision health and emerging diagnostics for women](#). J Clin Med. 2019 Sep 23;8(10). pii: E1525.
[PubMed PMID: 31547515](#)

Garrison LP Jr, Towse A. [A strategy to support efficient development and use of innovations in personalized medicine and precision medicine](#). J Manag Care Spec Pharm. 2019 Oct;25(10):1082-1087.
[PubMed PMID: 31556828](#)

Grutters JPC, Govers T, Nijboer J, Tummers M, van der Wilt GJ, Rovers MM. [Problems and promises of](#)

[health technologies: the role of early health economic modeling](#). Int J Health Policy Manag. 2019 Aug 1;8(10):575-582.
[PubMed PMID: 31657184](#)

Gutiérrez-Ibarluzea I. [Assessment of the innovation: a challenge for HTA](#). Giornale Italiano di Health Technology Assessment & Delivery (GIHTAD) 2019;12(Suppl 3).

Loncar-Turukalo T, Zdravevski E, Machado da Silva J, Chouvarda I, Trajkovik V. **Literature on wearable technology for connected health: scoping review of research trends, advances, and barriers**. J Med Internet Res. 2019 Sep 5;21(9):e14017.
[PubMed PMID: 31489843](#)

Miller BJ, Wilensky G. **New drugs, new ideas: payment policy innovations for high-cost pharmaceuticals**. Milbank Q. 2019 Sep 30.
[PubMed PMID: 31571272](#)

Ramsey AT, Proctor EK, Chambers DA, Garbutt JM, Malone S, Powderly WG, Bierut LJ. [Designing for accelerated translation \(DART\) of emerging innovations in health](#). J Clin Transl Sci. 2019 Jun;3(2-3):53-58.
[PubMed PMID: 31528365](#)

Shekelle PG, Goldman DP. [Development of a group judgment process for forecasts of health care innovations](#). JAMA Network Open 2018;1(7):e185108.
[PubMed PMID: 30646380](#)

Stafinski T, Deber R, Rhainds M, Martin J, Noseworthy T, Bryan S, Menon D. [The introduction of new non-drug health technologies into Canadian healthcare institutions: opportunities and challenges](#). Healthc Policy. 2019 Aug;15(1):95-106.
[PubMed PMID: 31629459](#)

Stafinski T, Deber R, Rhainds M, Martin J, Noseworthy T, Bryan S, Menon D. [Decision-making on new non-drug health technologies by hospitals and health authorities in Canada](#). Healthc Policy. 2019 Aug;15(1):82-94.

[PubMed PMID: 31629458](#)

Stevens B. **Impact of emerging technologies in prenatal genetic counseling.** Cold Spring Harb Perspect Med. 2019 Sep 30. pii: a036517.
[PubMed PMID: 31570384](#)

Støme LN, Moger T, Kidholm K, Kværner KJ. [Early assessment of innovation in a healthcare setting.](#) Int J Technol Assess Health Care. 2019 Jan;35(1):17-26.
[PubMed PMID: 30744712.](#)

Reports

[12 innovations that will change health care and medicine in the 2020s.](#) Time Magazine 2019; Oct 25.

[20 medical technology advances: medicine in the future – part 1.](#) The Medical Futurist 2019; Oct 17.

[AI: surveying the AI health care landscape. A look at artificial intelligence technologies and their use cases for hospitals and health systems.](#) Chicago, IL: American Hospital Association, Center for Health Innovation; 2019.

Bueno B, Leo JD, Macfie H. [“Trillion dollar](#)

[checkbook”](#): [reduce waste and cost in the US health care system.](#) Boston, MA: Institute for Healthcare Improvement (IHI); 2019.

Cleveland Clinic Innovations. [Top 10 medical innovations for 2020.](#) Cleveland, OH: Cleveland Clinic; Oct 2019.

Hulshizer R, Carlson D, Cuevas C, et al. [PCORI Health care horizon scanning system: horizon scanning report.](#) (Prepared by ECRI Institute). Washington, DC: PCORI; September 2019.

Macfie H, Leo J. [Call to action: reduce waste in the US health care system and return the cost savings to patients and the economy.](#) Boston, MA: Institute for Healthcare Improvement (IHI); 2019.

Naugler C, Wyonch R. [What the doctor ordered: improving the use and value of laboratory testing.](#) Ottawa: C. D. Howe Institute; 2019. Commentary, no. 533.

We welcome your comments on this alert and suggestions of publications to include in the next issue. Please send them to Leigh-Ann Topfer, CADTH, email: leigh-annt@cadth.ca

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