

Methadone Maintenance Treatment: Selected Resources

Prepared by: Reference Services, CAMH Library, Toronto, ON, Canada

This bibliography presents a selection of materials about methadone maintenance treatment, primarily from the CAMH Library and supplemented with Web resources and journal articles. Other opioid replacement therapies such as buprenorphine maintenance are included. The Canadian and Ontario experience, including the history of this therapy, is highlighted. The purpose of this resource guide is to serve as an introduction and overview. This is not an in depth literature review.

Available online at: http://www.camh.net/camh_library Bibliographies and Guides

Resources are listed under the following headings:

- Overviews
- Community Planning / Support
- The Canadian / Ontario Experience
 - Recent
 - Historical
- Treatment Guidelines / Good Practice
- Treatment Manuals
- Effectiveness and Evidence
- Older Adults
- Women
- Youth
- Other Books and Reports
- For the Public
- Internet Resources
- Related Bibliography in this Series
- Useful Contacts (Ontario)

Overviews

Brands, Bruna et al. Literature Review: Methadone Maintenance Treatment / Recension la documentation: traitement d'entretien à la méthadone. Ottawa, ON: Health Canada, 2002.
RC 568 .M4 L53 2002 / RC 568 .M4 L5314 2002. <http://www.hc-sc.gc.ca/hc-ps/pubs/adp-apd/index-eng.php>

Emerging Issues in the Use of Methadone. Substance Abuse Treatment Advisory 8(1): 2009.
<http://www.kap.samhsa.gov/products/manuals/advisory/index.htm>

Marion, Ira J. Methadone treatment at forty. Science and Practice Perspectives 3(1): 25-33 (2005).
See: <http://www.nida.hih.gov/ascp>. (became Addiction Science & Clinical Practice in 2007, vol. 4.)

Methadone Maintenance Treatment / Traitement d'entretien à la méthadone. Ottawa: Health Canada, 2002.
RC 568 .M4 M47973 2002. <http://www.hc-sc.gc.ca/hc-ps/pubs/adp-apd/index-eng.php>
A brief (13 page) overview that covers all of the issues including treatment delivery in Canada, Canadian facts and figures, benefits.

Methadone Maintenance Treatment. New York: Lindesmith Center, 1997. RC 568 .M4 M4797 1997. 4 p.

Methadone Maintenance: Treatment for Opioid Dependence / Le maintien à la méthadone: traitement de la dépendance aux opioïdes. Best Advice Series. Toronto: Addiction Research Foundation, 1996. 4 p.

Reducing the Harm Associated with Injection Drug Use in Canada / Réduire les méfaits associés à l'usage des drogues par injection au Canada. Ottawa, ON: Health Canada, 2001.

RA 644 .A25 R329 2001. <http://www.hc-sc.gc.ca/hc-ps/pubs/adp-apd/index-eng.php>

Appendix B includes a brief review of treatment in Canada. Methadone maintenance is considered the "best option" and "gold standard". Other pharmacotherapies and strategies are presented.

Substitution Maintenance Therapy in the Management of Opioid Dependence and HIV/AIDS Prevention. WHO/UNODC/UNAIDS Position Paper. Geneva: World Health Organization. United Nations. Office on Drugs and Crime, 2004. RC 566 .S83 2004. http://www.unodc.org/docs/treatment/Brochure_E.pdf

Wechsberg, Wendee M. and Jennifer J. Kasten. Methadone Maintenance Treatment in the U.S.: A Practical Question and Answer Guide. New York: Springer Publishing Company, 2007. RC 568 .M4 W434 2007.

Community Planning / Support

Erdelyan, Mark and Colleen Young. Methadone Maintenance Treatment: A Community Planning Guide. Toronto, Centre for Addiction and Mental Health, 2009. RC 568 .M4 E736 2009

http://knowledgex.camh.net/policy_health/substance_use/mmt_community_guide/Pages/default.aspx

Medication Assisted Treatment for the 21st Century: Community Education Kit. Rockville, MD: Center for Substance Abuse Treatment, 2004. RC 564 .M4287

Includes sample press releases and public education materials.

Updates Methadone Community Education Kit, RC 568 .M4 M4686 2000.

Methadone Treatment Symposium: Overcoming Stigma with Partnerships in Central Ontario, March 7th, 2001, Aurora, ON: Report and Conference Proceedings. [Aurora, ON: The Symposium], 2001.

RC 568 .M4 M497 2001. Ontario Substance Abuse Bureau et al.

Methadone Maintenance Therapy: The Canadian / Ontario Experience **Recent**

Brands, Bruna et al. Prescription opioid abuse in patients presenting for methadone maintenance treatment. Drug and Alcohol Dependence 73: 199-207 (2004)

Brands, Bruna and David Marsh. Methadone maintenance treatment: a Canadian perspective. CMAJ 157(4): 399-401 (1997)

Brands, Bruna, Joan E. Blake and David. C. Marsh. Changing patient characteristics with increased methadone maintenance availability. Drug and Alcohol Dependence 66(1): 11-20 (2002)

Brands, John, Bruna Brands and David Marsh. The expansion of methadone prescribing in Ontario, 1996-1998. Addiction Research 8(5): 485-496 (2000)

Drug Use in Toronto. Toronto: Research Group on Drug Use, 2004. HV 5840 .C34 D76 2004

Find at: <http://www.ccsa.ca/Eng/Priorities/Research/CCENDU/Pages/default.aspx> and <http://www.city.toronto.on.ca/drugcentre>.

Includes discussion on methadone in Ontario, including the number of methadone clients. See Heroin section.

Fischer, Benedikt. Prescriptions, power and politics: the turbulent history of methadone maintenance in Canada. Journal of Public Health Policy 21(2): 187-210 (2000)

Fischer, Benedikt et al. Predictors of methadone maintenance treatment utilization in a multisite cohort of illicit opioid users (OPICAN). Journal of Substance Abuse Treatment 34(3) 340-346 (2008)

Hart, W. Anton. Report of the Methadone Maintenance Treatment Practices Task Force. Toronto: Ontario Ministry of Health and Long-Term Care, 2007. RC 568 .M4799 2007.

Online at <http://www.health.gov.on.ca>.

Includes data on the number of prescribing physicians, number of methadone clients, demographics, costs, etc. as well as recommendations.

Strike, Carol J. et al. Policy changes and the methadone maintenance treatment system for opioid dependence in Ontario, 1996 to 2001. Journal of Addictive Diseases 24(1): 39-51 (2005)

Historical

Anderson, Gina S. and Richard Nutter. Clients and Outcomes of a Methadone Treatment Program. Research Report. Edmonton, AB: Alberta Alcoholism and Drug Abuse Commission, 1974. RC 568 .M4 A52 1974

Dole, Vincent P. and Marie E. Nyswander. Methadone maintenance: a theoretical perspective. NIDA Research Monograph 30: 256-261 (1980)

Reviews the work and insights of Dole and Nyswander based on research at the Methadone Maintenance Research Program, Rockefeller University Hospital, New York, from 1963. Early work parallels that of Robert Halliday (see below).

Halliday, Robert. Management of the narcotic addict. British Columbia Medical Journal 5(10): 412-414 (1963). RC 566 .H34 1963.

Halliday, Robert. Narcotic Drug Addicts as Voluntary Patients: The Use of Methadone in Short-Term and Long-Term Withdrawal Treatment Programs. Problems of Drug Dependence 1966 Report. Appendix 14, pg. 4599-4610. Washington, DC: National Academy of Sciences, 1966. RC 568 .M4 H34 1966

Krakowski, Mark and Reginald G. Smart. The outpatient treatment of heroin addicts with methadone. Canadian Journal of Public Health 63(5): 397-404 (1972). RC 568 .M4 K722 1972

The first evaluation of the Addiction Research Foundation's methadone maintenance program, which began in 1970.

Trends in Methadone Use in the Treatment of Opiate Dependence in Canada. Ottawa, ON: Non-Medical Use of Drugs Directorate. Health Protection Branch. Health and Welfare Canada, 1976. RC 568 .M4 C365 1976

Treatment Guidelines / Good Practice

Batki, Steven L. Medication-Assisted Treatment for Opioid Addiction in Opioid Treatment Programs. Treatment Improvement Protocol Series TIP 43. Rockville, MD: Center for Substance Abuse Treatment, 2005. RC 566 .M43 2005. Download TIPS at: <http://kap.samhsa.gov/products/manuals/tips/index.htm>.

Brands, Bruna, et al. Best Practices: Methadone Maintenance Treatment / Meilleures pratiques: traitement d'entretien à la méthadone. Ottawa, ON: Health Canada, 2002.

RC 568 .M4 L532 2002 / RC 568 .M4 L53214 2002. Available online at:

http://www.hc-sc.gc.ca/hl-vs/pubs/adp-apd/index_e.html.

Guidelines for the Psychosocially Assisted Pharmacological Treatment of Opioid Dependence. Geneva, SZ: World Health Organization, 2009. RC 568 .O45 G84 2009.

http://www.who.int/substance_abuse/publications/opioid_dependence_guidelines.pdf

Henry-Edwards, Susan. Clinical Guidelines and Procedures for the Use of Methadone in the Maintenance Treatment of Opioid Dependence. Canberra: Australian Government of Health and Aging, 2003.

RC 568 .M4 C486 2003. A National Drug Strategy (Australia) publication.

Isaac, Pearl and Beth Sproule. Methadone Maintenance Treatment: Recommendations for Enhancing Pharmacy Services. Toronto: Centre for Addiction and Mental Health, 2009. RC 568 .M4 I734 2009

Kauffman, Janice Fay and George E. Woody. Matching Treatment to Patient Needs in Opioid Substitution Therapy. Treatment Improvement Protocol (TIP) Series 20. Rockville, MD: CSAT, 1995.

RC 568 .M4 K38 1995. Download TIPS at: <http://kap.samhsa.gov/products/manuals/tips/index.htm>.

Marion, Ira J. LAAM in the Treatment of Opiate Addiction. Treatment Improvement Protocol (TIP) Series 22. Rockville, MD: CSAT, 1995. RC 566 .M367 1995

Download TIPS at: <http://kap.samhsa.gov/products/manuals/tips/index.htm>.

McNicholas, Laura. Clinical Guidelines for the Use of Buprenorphine in the Treatment of Opioid Addiction. Treatment Improvement Protocol Series TIP 40. Rockville, MD: Center for Substance Abuse Treatment, 2004. RC 483.5 .B8 C445 2004.

Download TIPS at: <http://kap.samhsa.gov/products/manuals/tips/index.htm>.

Methadone Maintenance Guidelines. Toronto: The College of Physicians and Surgeons of Ontario, 2005.

RC 568 .M4 M479 2005. Online at: <http://www.cpsso.on.ca>

National Pharmacotherapy Policy for People Dependent on Opioids. Canberra, Australia: Commonwealth of Australia, 2007. Available online at the Australian National Drug Strategy website:

<http://www.nationaldrugstrategy.gov.au/> – see Publications, Illicit Drugs.

National Clinical Guidelines and Procedures for the Use of Buprenorphine in the Treatment of Opioid Dependence. Canberra: Commonwealth of Australia, 2006. Available online at the Australian National Drug Strategy website: <http://www.nationaldrugstrategy.gov.au/> – see Publications, Illicit Drugs.

National Clinical Guidelines and Procedures for the Use of Naltrexone in the Management of Opioid Dependence. Canberra: Commonwealth of Australia, 2006. Available online at the Australian National Drug Strategy website: <http://www.nationaldrugstrategy.gov.au/> – see Publications, Illicit Drugs.

Supporting Clients on Methadone Maintenance Treatment / Le soutien de la clientèle recevant des traitements d'entretien à la methadone. Toronto: Registered Nurses' Association of Ontario, 2009.

<http://www.rnao.org>. See Nursing Best Practice Guidelines – Clinical Practice Guidelines

Tschakovsky, Kate. Methadone Maintenance Treatment: Best Practices in Case Management. Toronto: Centre for Addiction and Mental Health, 2009. RC 568 .M4 T73 2009

The Use of Methadone in the Treatment of Opiate Addiction: Clinical Practice Guidelines. Montreal: Collège des médecins du Québec, Ordre des pharmaciens du Québec, 2000. RC 568 .M4 U699 2000

Note: Modifications were made in 2004. See addendum Modification of Guidelines: Treatment for Opiate Dependence on the Colleges website: <http://www.cmq.org>.

Use of Naloxone in the Management of Opiate Dependence Syndrome. Dublin: National Advisory Committee on Drugs, 2003. RC 566 .U826 2003. <http://www.nacd.ie/publications/NaloxoneReport.pdf>

See other NACD reports at: <http://www.nacd.ie/publications>.

Treatment Manuals and Resources

Clinic Toolkit for Methadone and Buprenorphine Providers. Toronto: CAMH. Online resources.
See under: http://www.camh.net/Publications/Resources_for_Professionals/index.html

Isaac, Pearl, Anne Kalvik, John Brands and Eva Janecek. Methadone Maintenance: A Pharmacist's Guide to Treatment / Entretien à la méthadone: Guide de traitement à l'intention des pharmaciens. 2nd Ed. Toronto: Centre for Addiction and Mental Health, 2004.
RC 568 .M4 M4796 2004 / RC 568 .M4 M479614 2004.

Martin, Garth, Bruna Brands and David C. Marsh. Entretien à la méthadone: Guide de traitement à l'intention des conseillers. Toronto, Centre for Addiction and Mental Health, 2004.
RC 568 .M4 M47714 2004.

Martin, Garth, Bruna Brands and David C. Marsh. Methadone Maintenance: A Counsellor's Guide to Treatment. Toronto: Centre for Addiction and Mental Health, 2003. RC 568 .M4 M477 2003

Selby, Peter and Meldon Kahan. Methadone Maintenance: A Physician's Guide to Treatment. 2nd edition. Toronto: Centre for Addiction and Mental Health, 2008. RC 564 .M4 M478 2008

Srivasta, Anita and Meldon Kahan. Methadone induction doses: Are our current practices safe? Journal of Addictive Diseases 25 (3): 5-13 (2006).

Strain, Eric C. and Maxine L. Stitzer. The Treatment of Opioid Dependence. Baltimore, MD: John Hopkins University Press, 2006. RC 568 .M4 M494 2006

Effectiveness and Evidence

Ball, John C. and Alan Ross. The Effectiveness of Methadone Maintenance Treatment: Patients, Programs, Services, and Outcome. New York: Springer-Verlag, 1991. RC 568 .M4 B352 1991

Bao yp et al. A meta-analysis of retention in methadone maintenance by dose and dosing strategy. American Journal of Drug and Alcohol Abuse 35(1): 28-33 (2009)

Barnett, Paul G. The cost-effectiveness of methadone maintenance as a health care intervention. Addiction 94 (4): 479-488 (1999)

Brands, Bruna, Joan E. Blake and David. C. Marsh. Changing patient characteristics with increased methadone maintenance availability. Drug and Alcohol Dependence 66(1): 11-20 (2002)

Brands, Bruna, Joan E. Blake and David C. Marsh. Impact of oral methadone dose in methadone injecting patients. Journal of Addictive Diseases 22(3): 19-38 (2003)

Fischer, Benedikt, et al. Comparing opiate users in methadone treatment with untreated opiate users: results of a follow-up study with a Toronto opiate users cohort. Canadian Journal of Public Health 90 (5): 299-303 (1999)

Mattick RP et al. Methadone maintenance therapy versus no opioid replacement therapy for opioid dependence. Cochrane Database of Systematic Reviews (3): CD002209 (2009).
Update of 2003 (2) CD002209. Found methadone to be an effective maintenance therapy but no significant effect on criminal activity or mortality.

Mattick, Richard P., Robert Ali and Nicholas Lintzeris. Pharmacotherapies for the Treatment of Opioid Dependence: Efficacy, Cost-effectiveness, and Implementation Guidelines. New York: Informa Healthcare, 2009. RC 568 .O45 P434 2009

Rankin, Judy and Richard P. Mattick. Review of the Effectiveness of Methadone Maintenance Treatment and Analysis of St. Mary's Clinic, Sydney. NDARC Technical Report No. 45. Sydney, NSW: National Drug and Alcohol Research Centre, 1997. RC 568 .M4 R36 1997

Strike, Carol J. et al. Factors predicting 2-year retention in methadone maintenance treatment for opioid dependence. Addictive Behaviors 30(5): 1025-1028 (2005).

Yoast, Richard et al. Report of the Council on Scientific Affairs: methadone maintenance and needle-exchange programs to reduce the medical and public health consequences of drug abuse. Journal of Addictive Diseases 20(2): 14-40 (2001)

Effectiveness - Crime Prevention

Bell, James et al. Methadone maintenance and drug-related crime. Journal of Substance Abuse 9:15-25 (1997)

Parker, Howard and Perpetua Kirby. Methadone Maintenance and Crime Reduction on Merseyside. Crime Detection and Prevention Series Paper 72. London: The Home Office Police Research Group, 1996. HV 5840 .G7 P367 1996.

Simoens, S. et al. Pharmaco-economics of community maintenance for opiate dependence: a review of evidence and methodology. Drug and Alcohol Dependence 84(1): 28-39 (2006)

See Mattick RP et al. above.

Older Adults

Firoz, Sofia and Gregory Carlson. Characteristics and treatment outcome of older methadone-maintenance patients. American Journal of Geriatric Psychiatry 12 (5): 539-541 (2004)

Women (Note: some of the other resources address women's issues such as pregnancy and lactation.)

Burns, L. et al. Methadone in pregnancy: treatment retention and neonatal outcomes. Addiction 102(2): 264-270 (2007)

Facy, Françoise, Myriam Rabaud and Marion Andry. Women, Pregnancy and Methadone Treatment. In Women and Opiate Addiction: A European Perspective, pp 93-112. Palma De Mallorca, Spain: IREFREA Spain, 2002. HV 5824 .W6 W658 2002

Friedman, Jennifer and Marixsa Alicea. Surviving Heroin: Interviews with Women in Methadone Clinics. Gainesville, FL: University Press of Florida, 2001. HV 5824 .W6 F747 2001

Rosenbaum, Marsha and Sheigla Murphy. Not the picture of health: women on methadone. Journal of Psychoactive Drugs 19 (2): 217-226 (1987).

Tuchman, E. Exploring the prevalence of menopause symptoms in midlife women in methadone maintenance treatment. Social Work in Health Care. 45(4): 43-62 (2007)

Youth

Ward, Jeff. A Controlled Study of Methadone Maintenance in Primary Health Care Setting with Young "At-risk" Injecting Opiate Users. NDARC Technical Report No. 41. Sydney, NSW: National Alcohol and Drug Research Centre, 1996. RC 568 .M4 C665 1996

Other books / Reports

Buprenorphine and Buprenorphine/Naloxone: A Guide for Clinicians. Eds Paul J. Fudala and Peter T. Bridge. Drug and Alcohol Dependence 70 (2 suppl.) (2003). Theme Issue.

Effective Medical Treatment of Opiate Addiction. NIH Consensus Statement. No 108. 15 (6):1-38 (1997) RC 566 .E44 1997. Available at <http://consensus.nih.gov/>.

Kintz, Pascal and Pierre Marquet. Buprenorphine Therapy of Opiate Addiction. Totowa, NJ: Human Press, 2002. RC 483.5 .B8 B864 2002

Krausz, Michael. Development of Harm Reduction and Methadone Maintenance in Europe. Basel, SZ: Karger, 2000. HV 5840 .E85 D48 2000

Lintzeris, Nicolas, Alison Ritter and Adrian Dunlop. Training primary health care professionals to provide buprenorphine and LAAM treatment. Substance Abuse 23(4): 245-254 (2002)

Methadone Maintenance in the Management of Opioid Dependence: An International Review, eds. Awni Arif and Joseph Westermeyer. New York: Praeger, 1990. RC 568 .M4 M4795 1990

Methadone Matters: Evolving Practice of Community Methadone Treatment of Opiate Addiction. Eds. Gillian Tober and John Strang. London: Martin Dunitz, 2003. RC 568 .M4 M4825 2003

Methadone Symposium. Ed. Herman Joseph. New York: The Mount Sinai Medical Centre, 2001. RC 568 .M4 M484

Re-inventing Methadone: Critical Studies. Eds. Ernest Drucker and Alex Wodak. Addiction Research 3(4) (1996). Theme issue.

Reviewing Current Practice in Drug-Substitution in the European Union. Luxembourg: European Monitoring Centre for Drugs and Drug Addiction, 2000. RC 566 .R475 2000

Seivewright, Nicholas. Community Treatment of Drug Misuse: More than Methadone. Cambridge, UK: Cambridge University Press, 2000. RC 564.67 .G6 S44 2000.

Swiss Methadone Report: Narcotic Substitution in the Treatment of Heroin Addicts in Switzerland / Rapport sur la méthadone: utilisation d'un succédané opiacé dans le traitement des héroïnomanes en Suisse. 3rd ed. Toronto / Bern: Addiction Research Foundation / Swiss Federal Office of Public Health, 1996. RC 568 .M4 S84 1996 / RC 568 .M4 S8414 1996

Ward, Jeff, Richard P. Mattick and Wayne Hall. Methadone Maintenance Treatment and Other Opioid Replacement Therapies. Amsterdam: Harwood Academic Publishers, 1998. RC 568 .M4 M4798 1998.

For the Public (See also Internet Resources.)

About Methadone. 2nd Ed. New York: Drug Policy Alliance, 2003. RC 568 .M4 A36 2003

Maynes, Michelle. Methadone Maintenance Treatment: Client Handbook / Traitement de maintien à la méthadone: Manuel du client. Revised edition. Toronto: Centre for Addiction and Mental Health, 2008. RC 568 .M4 M377 2008/RC 568 .M4 M37714 2008.

Online at <http://www.camh.net>. See Information about Drugs and Addiction.

Methadone Maintenance Treatment: Information for Clients. / Traitement de maintien à la méthadone: renseignements à l'intention des clients. Toronto: Centre for Addiction and Mental Health, 2002. Brochure.

Online at <http://www.camh.net>. See Information about Drugs and Addiction.

Preston, Andrew. The Methadone Handbook. 9th Edition. Dorchester, UK: Exchange Supplies, 2003. RC 568 .M4 P745 2003.

Internet Resources

Regulatory Organizations

College of Physicians and Surgeons of Ontario (CPSO) <http://www.cpso.on.ca/>

Drug Strategy and Controlled Substances Program. Health Canada
http://www.hc-sc.gc.ca/ahc-asc/branch-dirgen/hecs-dgsesc/dscsp-psasc/index_e.html

Other sites with Information and documents for Professionals and the Public

CCENDU: Canadian City & National Reports <http://www.ccsa.ca/ccendu>

CAMH (Centre for Addiction and Mental Health) <http://www.camh.net>

Drug Policy Alliance Network <http://www.drugpolicy.org>

Euro-Methwork <http://www.euromethwork.org/>

Medication-Assisted Treatment (MAT) <http://www.dpt.samhsa.gov>
Division of Pharmacologic Therapies, SAMHSA

Methadone Saves Lives (CAMH) <http://methadonesaveslives.ca>
For the Public and Practitioners
See **Clinic Toolkit for Methadone and Buprenorphine Providers**.

Methadone Support Org <http://www.MethadoneSupport.org>

NAMA (National Alliance of Methadone Advocates) <http://www.methadone.org/>

NIDA (National Institute on Drug Abuse U.S.) <http://www.nida.nih.gov>
Check NIDA Notes for articles about Buprenorphine, Methadone and LAAM.

SAM (Service d'appui pour la méthadone – Québec) <http://www.info-sam.qc.ca>

Travel Guide Index (hosted by INDRO, Germany) <http://www.indro-online.de/travel.htm>

Related Bibliography in this Series

Harm Reduction

Useful Contacts (Ontario) **for Professionals**

Addiction Clinical Consultation Service (ACCS): 1-888-720-2227 in Ontario, 416-595-6968
College of Physicians and Surgeons of Ontario: 1-800-268-7096, 416-961-1711 x661

for the Public

DART (Drug and Alcohol Registry of Treatment): 1-800-565-8603
McLaughlin Information Centre (CAMH): 1-800-463-6273, 416-595-6111