

Subklinische Hypothyreose: Risiken, aktuelle Empfehlungen und neue randomisierte Studie in der Schweiz

Hypothyroïdie subclinique: Risques, recommandations actuelles et étude randomisée en Suisse

Literatur / Références

1. Surks MI, Ortiz E, Daniels GH, Sawin CT, Col NF, Cobin RH, Franklyn JA, Hershman JM, Burman KD, Denke MA, Gorman C, Cooper RS, Weissman NJ. Subclinical thyroid disease: Scientific review and guidelines for diagnosis and management. *JAMA: the journal of the American Medical Association.* 2004;291:228–238
2. Helfand M. Screening for subclinical thyroid dysfunction in nonpregnant adults: A summary of the evidence for the u.S. Preventive services task force. *Annals of internal medicine.* 2004;140:128–141
3. Cooper DS, Biondi B. Subclinical thyroid disease. *Lancet.* 2012;379:1142–1154
4. Razvi S, Ingoe L, Keeka G, Oates C, McMillan C, Weaver JU. The beneficial effect of l-thyroxine on cardiovascular risk factors, endothelial function, and quality of life in subclinical hypothyroidism: Randomized, crossover trial. *The Journal of clinical endocrinology and metabolism.* 2007;92:1715–1723
5. Jones DD, May KE, Geraci SA. Subclinical thyroid disease. *The American journal of medicine.* 2010;123:502–504
6. Rodondi N, den Elzen WP, Bauer DC, Cappola AR, Razvi S, Walsh JP, Asvold BO, Iervasi G, Imaizumi M, Collet TH, Bremner A, Maisonneuve P, Sgarbi JA, Khaw KT, Vanderpump MP, Newman AB, Cornuz J, Franklyn JA, Westendorp RG, Vittinghoff E, Gussekloo J. Subclinical hypothyroidism and the risk of coronary heart disease and mortality. *JAMA: the journal of the American Medical Association.* 2010;304:1365–1374
7. Villar HC, Saconato H, Valente O, Atallah AN. Thyroid hormone replacement for subclinical hypothyroidism. *Cochrane database of systematic reviews (Online).* 2007;CD003419
8. Walsh JP, Bremner AP, Feddema P, Leedman PJ, Brown SJ, O'Leary P. Thyrotropin and thyroid antibodies as predictors of hypothyroidism: A 13-year, longitudinal study of a community-based cohort using current immunoassay techniques. *The Journal of clinical endocrinology and metabolism.* 2010;95:1095–1104
9. Gibbons V, Conaglen JV, Lawrenson R. A raised thyroid stimulating hormone result--a 12-month follow-up study in general practice. *Journal of primary health care.* 2010;2:29–34
10. Ashizawa K, Imaizumi M, Usa T, Tominaga T, Sera N, Hida A, Ejima E, Nerishi K, Soda M, Ichimaru S, Nakashima E, Fujiwara S, Maeda R, Nagataki S, Eguchi K, Akahoshi M. Metabolic cardiovascular disease risk factors and their clustering in subclinical hypothyroidism. *Clinical endocrinology.* 2010;72:689–695
11. Franchini M, Montagnana M, Manzato F, Vescovi PP. Thyroid dysfunction and hemostasis: An issue still unresolved. *Seminars in thrombosis and hemostasis.* 2009;35:288–294
12. Shakoor SK, Aldibbiat A, Ingoe LE, Campbell SC, Sibal L, Shaw J, Home PD, Razvi S, Weaver JU. Endothelial progenitor cells in subclinical hypothyroidism: The effect of thyroid hormone replacement therapy. *The Journal of clinical endocrinology and metabolism.* 2010;95:319–322
13. Kebapcilar L, Comlekci A, Tuncel P, Solak A, Secil M, Gencel O, Sahin M, Sari I, Yesil S. Effect of levothyroxine replacement therapy on paraoxonase-1 and carotid intima-media thickness in subclinical hypothyroidism. *Medical science monitor: international medical journal of experimental and clinical research.* 2010;16:CR41–47
14. Torun AN, Kulaksizoglu S, Kulaksizoglu M, Pamuk BO, Isbilen E, Tutuncu NB. Serum total antioxidant status and lipid peroxidation marker malondialdehyde levels in overt and subclinical hypothyroidism. *Clinical endocrinology.* 2009;70:469–474
15. Adrees M, Gibney J, El-Saeiti N, Boran G. Effects of 18 months of l-t4 replacement in women with subclinical hypothyroidism. *Clinical endocrinology.* 2009;71:298–303
16. Garduno-Garcia Jde J, Alvirde-Garcia U, Lopez-Carrasco G, Padilla Mendoza ME, Mehta R, Arellano-Campos O, Choza R, Sauque L, Garay-Sevilla ME, Malacara JM, Gomez-Perez FJ, Aguilar-Salinas CA. Tsh and free thyroxine concentrations are associated with differing metabolic markers in euthyroid subjects. *European journal of endocrinology / European Federation of Endocrine Societies.* 2010;163:273–278
17. Reuters VS, Teixeira Pde F, Vigario PS, Almeida CP, Buescu A, Ferreira MM, de Castro CL, Gold J, Vaisman M. Functional capacity and muscular abnormalities in subclinical hypothyroidism. *The American journal of the medical sciences.* 2009;338:259–263
18. Mainenti MR, Vigario PS, Teixeira PF, Maia MD, Oliveira FP, Vaisman M. Effect of levothyroxine replacement on exercise performance in subclinical hypothyroidism. *Journal of endocrinological investigation.* 2009;32:470–473

19. Bremner AP, Feddema P, Joske DJ, Leedman PJ, O'Leary PC, Olynyk JK, Walsh JP. Significant association between thyroid hormones and erythrocyte indices in euthyroid subjects. *Clinical endocrinology*. 2012;76:304–311.
20. Valenti G, Fabbo A. Subclinical hypothyroidism in the elderly. *Archives of gerontology and geriatrics*. 1996;22 Suppl 1:585–592.
21. Razvi S, Weaver JU, Pearce SH. Subclinical thyroid disorders: Significance and clinical impact. *Journal of clinical pathology*. 2010;63:379–386.
22. Vigario P, Teixeira P, Reuters V, Almeida C, Maia M, Silva M, Vaisman M. Perceived health status of women with overt and subclinical hypothyroidism. *Medical principles and practice: international journal of the Kuwait University, Health Science Centre*. 2009;18:317–322.
23. Lee JS, Buzkova P, Fink HA, Vu J, Carbone L, Chen Z, Cauley J, Bauer DC, Cappola AR, Robbins J. Subclinical thyroid dysfunction and incident hip fracture in older adults. *Archives of internal medicine*. 2010;170:1876–1883.
24. Abe E, Marians RC, Yu W, Wu XB, Ando T, Li Y, Igbal J, Eldeiry L, Rajendren G, Blair HC, Davies TF, Zaidi M. Tsh is a negative regulator of skeletal remodeling. *Cell*. 2003;115:151–162.
25. The use of medicines in the united states: Review of 2010. Report by the IMS Institute of Healthcare Informatics.
26. Prescription dispensed in the community: England, statistics for 2000 to 2010. NHS Statistics.
27. Gharib H, Tuttle RM, Baskin HJ, Fish LH, Singer PA, McDermott MT. Subclinical thyroid dysfunction: A joint statement on management from the american association of clinical endocrinologists, the american thyroid association, and the endocrine society. *The Journal of clinical endocrinology and metabolism*. 2005;90:581–585; discussion 586–587.
28. Glenn GC. Practice parameter on laboratory panel testing for screening and case finding in asymptomatic adults. Laboratory testing strategy task force of the college of american pathologists. *Archives of pathology & laboratory medicine*. 1996;120:929–943.
29. Physicians AAoF. Periodic health examination: Summary of aafp policy recommendations and age charts, revision 4.0. Kansas city, mo. 2000.
30. Gynecology ACoOa. Precis: An update in obstetrics and gynecology: Primary & preventive care. Washington, d.C. 1998:3–15.
31. Physicians ACo. Clinical guideline, part 1. Screening for thyroid disease. *Annals of internal medicine*. 1998;129:141–3.
32. Vanderpump MP, Ahlquist JA, Franklyn JA, Clayton RN. Consensus statement for good practice and audit measures in the management of hypothyroidism and hyperthyroidism. The research unit of the royal college of physicians of london, the endocrinology and diabetes committee of the royal college of physicians of london, and the society for endocrinology. *BMJ (Clinical research ed.)*. 1996;313:539–544.
33. Wilkins W. Preventive services task force. Guide to clinical preventive services. 2nd ed. Baltimore. 1996:209–218.