AUA Men's Health Checklist



This checklist is intended to assist urologists and other health care providers as a resource of urological and non-urological men's health considerations and to better coordinate their care between providers. While references to other AUA policy or guidelines materials are included, this checklist is not meant to take the place of other clinical, peer-reviewed documents. Readers are encouraged to review specific clinical guidelines or other policies, as well as other interpretative materials for a full and accurate statement of their contents.



Common Symptoms/Complaints

UROLOGY SPECIFIC

	AGE 18-39	AGE 40-49	AGE 50-69	AGE 70+
VOIDING HEALTH	LUTS (IPSS if present)/ stricture disease Hematuria UTI Urolithiasis Genitourinary pain Dysuria/discharge	LUTS (IPSS if present)/ stricture disease Hematuria UTI Urolithiasis Genitourinary pain Dysuria/discharge	LUTS/BPH (IPSS) Hematuria UTI Urolithiasis Genitourinary pain Dysuria/discharge	LUTS/BPH (IPSS) Hematuria UTI Urolithiasis Genitourinary pain Associated bowel dysfunction Dysuria/discharge
REPRODUCTIVE HEALTH	Male infertility Contraception Undescended testes Testis masses Varicoceles and scrotal disorders STDs/HIV	Male infertility Contraception Scrotal disorders STDs/HIV	(Male infertility) Contraception STDs/HIV	STDs/HIV (Contraception)
SEXUAL HEALTH	Symptomatic Androgen Deficiency (avoid testosterone use) ²⁴ Premature and other ejaculation disorders Sexual activity/erectile function ^{14,21,22} Facilitated with the IIEF (or EF portion of the IIEF, or modified IIEF called SHIM)	Symptomatic Androgen Deficiency ²³ Sexual activity/erectile function ^{14, 21, 22} Peyronie's Premature and other ejaculation disorders	Symptomatic Androgen Deficiency ²³ Sexual activity/erectile function ^{14,21,22} Peyronie's	Symptomatic Androgen Deficiency ²³ Sexual activity/erectile function ^{14,21,22} Peyronie's
FOCUSED	Weight and blood pressure BMI/Waist Circumference (WC) Full genitourinary exam	Weight and blood pressure BMI/WC Full genitourinary exam DRE (depending on FH and race)	Weight and blood pressure BMI/WC Full genitourinary exam DRE (age 55-69)	Weight and blood pressure BMI/WC Full genitourinary exam ±DRE (based on health and life expectancy)
Notes:				

See **www.AUAnet.org** for additional men's health articles and references.

Care Coordinated with Primary Care Physician or Other Provider

RELATED HEALTH

	AGE 18-39	AGE 40-49	AGE 50-69	AGE 70+
HEALTH MAINTENANCE	Weight/physical activity/ nutrition ^{1,2,5} Instruction in male hygiene/self-exam OTCs/supplements and stimulants Tobacco/alcohol/ substance abuse ² Sports and recreational safety/trauma Anabolic steroid abuse Review family history risk factors Mental health (suicide*, depression, PTSD) Testicular self-exam* STD risk/past STD Motor vehicle seat belts	Weight/physical activity/ nutrition ^{1,2,5} Instruction in male hygiene/self-exam OTCs/supplements and stimulants Tobacco/alcohol/ substance abuse ² Sports and recreational safety/trauma Review family history risk factors Mental health (suicide, depression, PTSD) CV risk factors Colorectal disease/GERD STD risk/past STD Motor vehicle seat belts	Weight/physical activity/ nutrition ^{1,2,5} Instruction in male hygiene/self-exam OTCs/supplements and stimulants Tobacco/alcohol/ substance abuse ² Sports and recreational safety/trauma Review family history risk factors Mental health (suicide, depression, PTSD) CV risk factors Colorectal disease/GERD STD preventative measures Urologic cancer awareness Motor vehicle seat belts	Weight/physical activity/ nutrition ^{1,2,5} Polypharmacy Bone health ^{10,11} Mobility Tobacco/alcohol/ substance abuse ² Mental health (suicide, depression, PTSD) CV risk factors Colorectal disease/GERD STD preventative measures Motor vehicle seat belts
HEALTH SCREENING	Hypertension ² Lipid profile (age 20-35 if increased CVS risk and all men ≥35) ^{15,25} Urinalysis* Alcohol misuse Obesity (BMI, WC) ^{2,3} Management of cholesterol/lipid profile/endocrine issues if sexual dysfunction or infertility ^{2,21,22} Infertility prevention (e.g. cancer patients) Immunization ⁹ Discussion of Preventative Services for HIV, Hepatitis, STDs, and TB in increased risk behavior/illicit drug users ¹³ Thyroid screening (from age 35) ¹⁷	Lipid profile ¹⁵ Hypertension ^{2,4} Metabolic assessment ^{6,16} Alcohol misuse Obesity (BMI, WC, total testosterone) ²⁰ Urinalysis* Fasting blood sugar ⁶ Additional blood work depending on complaint Immunizations ⁹ Discussion of Preventative Services for HIV, Hepatitis, STDs, and TB in increased risk behavior/ illicit drug users ¹³ Thyroid screening ¹⁷	Lipid profile ¹⁵ Hypertension ^{2,4} Metabolic assessment ^{6,16} Alcohol misuse Obesity (BMI, WC, total testosterone) ²⁰ Urinalysis* Fecal occult blood Vascular ultrasound to exclude AAA and CXR if history of smoking (from age 65) ¹² Diabetes screening (if family history) ^{6,7,8} Eye examination (intra-ocular pressure) Immunizations ⁹ Discussion of Preventative Services for HIV, Hepatitis, STDs, and TB in increased risk behavior/illicit drug users ¹³ Thyroid screening ¹⁷	Lipid profile ¹⁵ Hypertension ^{2,4} Metabolic assessment ^{6,16} Alcohol misuse Obesity (BMI, WC) ²⁰ Urinalysis* Fecal occult blood (until age 75) Vascular ultrasound to exclude AAA and CXR if history of smoking (to age 75) ¹² Diabetes screening (if family history) ^{6,7,8} Immunizations ⁹ Eye examination (intra-ocular pressure) Discussion of Preventative Services for HIV, Hepatitis, STDs, and TB in increased risk behavior/drug users ¹³ Thyroid screening ¹⁷ Bone Health ^{10,11}
CANCER SCREENING	Testicular (self-examination)* Urologic cancer awareness Skin examination*	Testicular (self-examination)* Skin examination* Colorectal cancer screening¹8 Prostate cancer screening with PSA in men with strong family history and/or AA race**¹9	Testicular (self-examination)* Skin examination* Colorectal cancer screening¹8 Prostate cancer screening from age 55-69 with PSA to be discussed with men and shared decision making-every 2 years**¹9	Testicular (self-examination)* Skin examination* Colorectal cancer screening (until age 75 then case by case) ¹⁸ Do not recommend routine PSA screening, unless in very good health with >10-15 year life expectancy** ¹⁹

^{*} Level of evidence insufficient/poor (USPSTF) but may be indicated with symptoms and/or higher risk cases ** No screening if life expectancy <10-15 years

References:

- 1. Virginia Moyer, MD, MPH on behalf of the US Preventative Services Task Force. Behavioral Counseling Interventions to Promote a Healthful Diet and Physical Activity for Cardiovascular Disease Prevention in Adults: US Preventative Task Force Recommendation Statement. Ann Intern Med. 2012; 157: 376-372.
- 2. American Heart Association Guide for Improving Cardiovascular Health at the Community Level, 2013 Update. A Scientific Statement for Public Health Practitioners, Healthcare Providers, and Health Policy Makers. Circulation. 2013; 127:1730-1753.
- 3. Recommended Community Strategies and Measurements to Prevent Obesity in the United States. MMWR. 2009; Vol. 58:RR-7.
- 4. Goff Jr DC, Lloyd-Jones DM, Bennett G, O'Donnell CJ, Coady S, Robinson J, D'Agostino RB, Schwartz JS, Gibbons R, Shero ST, Greenland P, Smith SC, Lackland DT, Sorlie P, Levy D, Stone NJ, Wilson PWF, 2013 ACC/AHA Guideline on the Assessment of Cardiovascular Risk, Journal of the American College of Cardiology (2014), doi: 10.1016/j.jacc.2013.11.005
- Estruch R, Ros E, Salas-Salvado J, for the PREDIMED Study Investigators. Primary Prevention of Cardiovascular Disease with a Mediterranean Diet. N Engl J Med 2013;368:1279-90.
- 6. Screening for Type 2 Diabetes Mellitus in Adults. US Preventative Services Task Force. Ann Intern Med. 2003; 138: 212-214.
- 7. Guidelines Abstracted from the American Geriatrics Society Guidelines for Improving the Care of Older Adults with Diabetes Mellitus: 2013 Update. American Geriatrics Society Expert on the Care of Older Adults with Diabetes Mellitus. J Am Geriatr Soc.2013;61:2020-2026.
- 8. Moreno G, Magione CM. Management of Cardiovascular Disease Risk Factors in Older Adults with Type 2 Diabetes Mellitus: 2002–2012 Literature Review. J Am Geriatr Soc. 2013; 61: 2027-2037.
- 9. Advisory Committee on Immunization Practices (ACIP) Recommended Immunization Schedule for Adults Aged 19 Years and Older-United States, 2013. MMWR.
- 10. Watts NB, Adler RA, Bilezikian JP, et al. Osteoporosis in Men: An Endocrine Society Practice Guideline. J Clin Endocrinol Metab. 2012; 97: 1802-1822.
- 11. Holick MF, Binkley NC, Heike A, et al. Evaluation, Treatment, and Prevention of Vitamin D Deficiency: An Endocrine Society Clinical Practice Guideline. J Clin Endocrinol Metab. 2011; 96: 1911-1930.
- 12. Fleming C, Whitlock EP, Bell TL, Lederle FA. Screening for Abdominal Aortic Aneurysm: A Best-Evidence Systematic Review for the U.S. Preventative Services Task Force. Ann Intern Med. 2005; 142:203-211.
- 13. Integrated Prevention Services for HIV Infection, Viral Hepatitis, Sexually Transmitted Diseases, and Tuberculosis for Persons Who Use Drugs Illicitly: Summary Guidance from CDC and the U.S. Department of Health and Human Services. MMWR. 2012. Vol. 61. No. 5.
- 14. Nehra A, Jackson G, Miner M, et al. The Princeton III Consensus Recommendations for the Management of Erectile Dysfunction and Cardiovascular Disease. Mayo Clin Proc. 2012;87:766-778.
- 15. American Heart Association. "Cholesterol." American Heart Association 2011. Web. 21 Dec. 2011. http://www.heart.org/HEARTORG/Conditions/Cholesterol/UCM_001089_SubHomePage.jsp
- 16. U.S. Preventative Services Task Force. "Recommendations for Adults (USPSTF)." U.S. Preventive Services Task Force Apr. 2011. Web. 21 Dec. 2011. http://www.uspreventiveservicestaskforce.org/adultrec.htm.
- 17. Ladenson PW, Singer PA, Ain KB, Bagchi N, Bigos ST, Levy EG, Smith SA, Daniels GH, Cohen HD. American Thyroid Association guidelines for detection of thyroid dysfunction. Arch Intern Med. 2000;160:1573-1575.
- 18. U.S. Preventative Services Task Force. "Screening for Colorectal Cancer." U.S. Preventive Services Task Force, November 2008. Web. 21 Dec. 2011. http://www.uspreventiveservicestaskforce.org/uspstf/uspscolo.htm
- 19. Carter HB, Albertsen PC, Barry MJ, Etzioni R, Freedland SJ, Greene KL, Holmberg L, Kantoff P, Konety BR, Murad MH, Penson DF and Zietman AL. "Early Detection of Prostate Cancer: AUA Guideline." American Urological Association 2013. Web.. http://www.auanet.org/common/pdf/education/clinical-guidance/Prostate-Cancer-Detection.pdf.
- 20. Araujo, AB, Dixon JM, Suarez EA, Murad MH, Guey LT, and Wittert GA. "Clinical Review: Endogenous Testosterone and Mortality in Men: A Systematic Review and Meta-Analysis." Journal of Clinical Endocrinology & Metabolism 2011; 96: 337-53.
- 21. Inman BA., St. Sauver JL, Jacobson DJ, McGreen ME, Nehra A, Lieber MM, Roger VL, and Jacobsen SJ. "A Population-Based, Longitudinal Study of Erectile Dysfunction and Future Coronary Artery Disease." Mayo Clinic Proceedings 2009; 84: 108-13.
- 22. Araujo AB, Hall SA, Ganz P, Chiu GR, Rosen RC, Kupelian V, Travison TG, and McKinlay JB. "Does Erectile Dysfunction Contribute to Cardiovascular Disease Risk Prediction Beyond the Framingham Risk Score?" Journal of the American College of Cardiology 2010; 55: 350-56.
- 23. Bhasin S, Cunningham GR, Hayes FJ, Matsumoto AM, Snyder PJ, Swerdloff RS, Montori VM; Task Force, Endocrine Society. Testosterone therapy in men with androgen deficiency syndromes: an Endocrine Society clinical practice guideline. J Clin Endocrinol Metab. 2010; 95:2536-59
- 24. Kim ED, Crosnoe L, Bar-Chama N, Khera M, Lipshultz LI. The treatment of hypogonadism in men of reproductive age. Fertil Steril. 2013;99:718-24
- 25. U.S. Preventative Services Task Force. "Recommendations for Adults (USPSTF)." U.S. Preventive Services Task Force June. 2008. Web. 2011. http://www.uspreventiveservicestaskforce.org/adultrec.htm.

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