myHEALTHIndependence.com SUGGESTED SOLUTIONS DISEASE MANAGEMENT/ MEDICAL STATISTICS / RISK CONDITION SCREENING GUIDELINES REDUCTION IN THE UNITED STATES **TESTOSTE** Testosterone levels should be Internationally, Testosterone deficiency would be RONE/PITU Your testosterone level should be checked in individuals with a expected to occur in at least ITARY checked if you have required sellar mass, history of HORMONE opioids for pain control, are above radiation therapy to the sellar 5% of men over age 50, if region, or other disease states ideal body weight, have diabetes symptoms and biochemical ABNORMA mellitus, have HIV related disease, in that area, treatment with evidence of low testosterone LITY hypertension, hyperlipidemia, or steroids, ketoconazole, and and free testosterone levels erectile dysfunction. opioids. Additionally were considered. individuals with human Mulligan T, et al. Prevalence of immunodeficiency virus Time For International Action hypogonadism in males aged at associated weight loss, end on Treating Testosterone least 45 years: the HIM study. Int J stage renal disease chronic Deficiency Syndrome. Clin Pract. 2006;60:762-769 obstructive lung disease, Malcolm Carruthers. The http://www.blackwellpublishing.com/i infertility, osteoporosis or low Aging Male, March trauma fracture especially in a 2009;12(1): 21-28 *icp* enhanced/ young male, and type 2 http://www.informaworld.com diabetes mellitus should have Dobs AS. Androgen therapy in AIDS /smpp/content~content=a90 wasting, Clin Endocrinol Metab. the testosterone levels 9936394~db=all~iumptvpe=r 19998-12:379-390 checked. SS http://jcem.endojournals.org If low testosterone levels are Grinspoon S.Androgen deficiency detected in the above and HIV infection. Clin Infect Dis. conditions, further 2005:41:1804-1805 investigation to determine the According to The http://www.journals.uchicago.edu/do cause will be necessary. Hypogonadism in Males i/full/10.1086/498320?cookieSet=1 (HIM) study 13.8 million men in the United States >45 Appropriate testosterone Bodie J, et al. J Urol. 2003; replacement therapy using the years of age had low testosterone levels i.e. <300 169:2262-2264 gel preparations, or injections http://www.jurology.com/article/S002 would be necessary. ng/dL. 2-5347(05)63579-3/abstract Urology follow up would be Mulligan T, et al. Prevalence advisable especially if PSA of hypogonadism in males Daniell HW. Hypogonadism in men consuming sustained-action oral levels increased to greater aged at least 45 years: the opiods. J Pain. 2002; 3:377-384. than 4 ng/cc per year, or a HIM study. Int J Clin Pract. http://www.jpain.org/article/S1526-PSA concentration greater 2006:60:762-769 5900(02)00032-9/abstract than 1.4ng/cc is detected within any 12 month period of treatment with testosterone Your testosterone levels should also be checked if you have decreased replacement therapy or a PSA libido, erectile dysfunction, low velocity of greater 0.4 ng/cc energy or fatigue, poor per year is detected over 2 concentration or bad mood, years. decreased muscle mass or strength, and increased body fat. National Guideline Clearinghouse Bhasin S. et al Journal Clinical Bhasin S. et al.J Clin Endocrinology Metabolism 2006 Endocrinol Metab 2006 http://jcem.endojournals.org/cgi/elett Jun;91(6):1995-2010 ers/91/6/1995 http://www.quidelines.gov/sum mary/summary.aspx?doc id=9 420&nbr=005041&string=Bhas in