Testosterone in woman

Senescence is associated with a decline of the adrenal- and ovarian-testosterone axes:

**Senescence is associated with a reduction of the serum testosterone Level in women**

**Testosterone derives in women for more than 90% from the much quicker declining serum DHEA**

**Testosterone treatment may oppose and testosterone deficiency may trigger some mechanisms of senescence in women**

**Immune deficiency: testosterone may improve the immune resistance in certain conditions**

**Testosterone and psychic well-being in women**

**Vasomotor symptoms in women: the improvement with testosterone treatment**

**Depression in women: the association with lower testosterone Levels**

**Depression in women: the improvement with testosterone treatment**

**Negative symptoms in women: the association with lower serum testosterone Levels**

**Depression in women: the improvement with testosterone treatment**

**Negative symptoms in women: the association with lower serum testosterone Levels**

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Anxiety in women: the association with lower testosterone levels

12. Landen M, Baghaei F, Rosmond R, Holm G, Bjorntorp P, Eriksson E. Dyslipidemia and high waist-hip ratio in women with self-reported social anxiety. Psychoneuroendocrinology. 2004 Sep;29(8):1037-46 (Serum levels of total testosterone (1.6+/-0.8 vs. 2.2+/-1.1, P=0.013) and free thyroxin (74+/-2 vs. 16+/-4, P<0.04) were lower in subjects confirming social anxiety)

Anxiety in women: the improvement with testosterone treatment


Memory loss and Alzheimer's disease in women: the association with lower testosterone levels

15. Simpson E, Davis S. Why do the clinical sequelae of estrogen deficiency affect women more than men? J Clin Endocrinol Metab. 1998 Jun;83(6):2214

Memory in women: the improvement with testosterone treatment


Love in women: the association with higher testosterone levels


Loss of sexual drive, sexual gratification, intercourse frequency in women: the association with lower testosterone levels


Sexuality decline in women: the improvement with testosterone treatment


Sexuality decline in women: the improvement with testosterone treatment

35. Douchi T, Yoshimitsu N, Nagata Y. Relationships among serum testosterone levels, body fat and muscle mass distribution in women with polycystic ovary syndrome. Endocr J. 2001 Dec;48(6):685-9
Sarcopenia in women: the improvement with testosterone treatment


Testosterone and age-related diseases in women

Atherosclerosis in women: the improvement with testosterone treatment

Coronary artery disease in women: the association with lower testosterone levels

Coronary artery disease in female subjects: the improvement with testosterone treatment

Osteoporosis and osteopenia in women: the association with lower testosterone levels

Osteoporosis and osteopenia in women: the improvement with testosterone treatment

**Height loss and hip fractures in women: the association with lower testosterone levels**


**Rheumatism in women: the association with lower testosterone levels**


**Obesity in women: the improvement with testosterone treatment**


**Cancer in women: the association with lower testosterone levels**


**Cancer: the improvement with testosterone treatment?**


**Longevity in women: the association with lower testosterone levels**


**Testosterone diagnosis in women**

**Clinical testosterone evaluation in women**


**Serum androgen tests in women**


**Serum total testosterone in women**


**Serum free testosterone in women**


**Serum dihydrotestosterone and androstanediol glucuronide in women**


**Serum androsterone in women**


**24-hour urine testosterone tests in women Urinary**
testosterone in women


Urinary 17-ketosteroids in women


**Urinary androsterone**


**Corrective testosterone treatment in women**

**Testosterone medications for women**


**Transdermal testosterone for women**


**Sublingual/buccal testosterone for women**


**Intramuscular injections of testosterone or nandrolone for women**


**Testosterone treatment in women: dose and frequency**

Testosterone treatment in women: safety


Testosterone treatment in women: side effects


Testosterone treatment in women: interferences


143. Goh HH, Wong PC, Ratnam SS. Effects of sex steroids on the positive estrogen feedback mechanism in intact women and castrate men. J Clin Endocrinol Metab. 1985 Dec;61(6):1158-64


Testosterone treatment in women: follow-up


**14. Recommended Books for Physicians**

**TEXTBOOKS OF ENDOCRINOLOGY**


**SENESCENCE AND HORMONES**


**MULTIPLE HORMONE THERAPIES**


**MELATONIN**


**GROWTH HORMONE THERAPY IN ADULTS**


**THYROID**


**CORTISOL REPLACEMENT**

Francis DW Lukens. (1954). Medical Uses of Cortisone, including hydrocortisone and corticotrophin; New York, Ed. Blakiston Company

**DHEA**


**PREGNENOLONE**

FEMALE HORMONE REPLACEMENT THERAPY


TESTOSTERONE and/or DHEA in WOMEN

Male Hormone Therapy (1948) ed. Summit, NewJersy, Ed. Ciba

MALE HORMONE REPLACEMENT THERAPY


Recommended Books for the General Public

MULTIPLE HORMONE THERAPIES

Ronald Klatz. Ten weeks to a younger you. Sports tech Lab, Chicago.

MELATONIN


GROWTH HORMONE THERAPY in ADULTS

Ronald Klatz. Growyoung with HGH. USA, HarperCollins Publisher

THYROID

DHEA


PREGNENOLONE


CORTISOL

Eugenia Zuckerman and Julie R. Ingelfinger. Coping with Prednisolone and other cortisone-related medicines. New York, St. Martin's Griffin

TESTOSTERONE IN WOMEN:

TESTOSTERONE IN MEN