

Epimedium Aboveground Parts

- **Constituents:**
 - Flavones, Icarin, Icariside, etc.

- **Pharmacology:**
 - Stimulating gonad functions ^(1, 2)
 - Anti-aging and enhance metabolism ^(3 - 5)
 - Boost and balance immune system ^(6 - 11)
 - Strengthen heart functions, lower blood pressure and increase vascular flow ^(12 - 14)
 - Anti-tumor ⁽¹⁵⁾
 - Prevent arteriosclerosis ⁽¹⁶⁾
 - Inhibit osteoclast activities, prevent osteoporosis ⁽¹⁷⁾
 - Exhibit sedative effects ⁽¹⁸⁾

- **Clinical applications:**
 - Impotence ⁽¹⁹⁾
 - High blood pressure ⁽²⁰⁾
 - Coronary heart diseases ^(18, 21 - 23)
 - Chronic trachea disease ⁽²⁴⁾
 - Viral infection of cardiac muscle ⁽²⁴⁾
 - Neuradynamia ⁽²⁵⁾

- **References:**
 1. New R., Journal of TCM Herbs, 1989, 14 (9): 18
 2. Lee B. R., et al., Journal of TCM , 1984, 25 (7): 63
 3. Wei Z. Z., et al., Chinese Herbs, 1985, 76 (6): 11
 4. Liu, H. B., et al., Chinese Herbs - Pharmacology & Clinical Application, 1990, 6 (2): 18
 5. Gao Z. F., et al., Journal of Integrated Medicine, 1989, (3): 72
 6. Wang, T. R., et al., Beijing Pharmaceutical Industry, 1985, (2): 23
 7. Wang, T. R., et al., Research of Prepared Chinese Herbal Formula, 1987, (2): 27
 8. Zhang, Y., Chinese Herbs News, 1986, (1): 33
 9. Wang, T. R., et al., Journal of Chinese Immunology, 1986, 2 (2): 74
 10. Su, Y., et al., Chinese Herbs, 1996, 27 (11): 669
 11. Yang C. H., Prepared Chinese Herbal Formula, 1999, 21 (6): 322
 12. Wang W. Z., et al., University of Anhui TCM Publication, 1983, (2): 60
 13. Chinese Army Hospital 234, University of Shenyang TCM Publication, 1975, (7): 86
 14. Lee, R. S., et al., Chinese Herbs News, 1987, 12 (8): 40
 15. Zhao Y., et al., Chinese Pharmacology News, 1996, 12 (1): 52
 16. Zhou, Y. W., et al., Journal of Integrated Medicine, 1999, 18 (11): 680
 17. Lee, Q. N., et al., Journal of Chinese Pharmacology, 1996, 31 (8): 467
 18. Han, J. M., etc., Research of Prepared Chinese Herbal Formula, 1981, 3 (12): 40
 19. Ying, I. H., Journal of Yunnan TCM, 1989, 10 (6): 13
 20. Zhejiang TCM Research Center, Coronary Research Department, Zhejiang TCM, 1977, 20 (6): 11
 21. Wang L., et al., Journal of Shanghai TCM Herbs, 1989, (8): 26

22. Chinese Army Hospital 234, University of Shenyang TCM Publication, 1976, (7): 92
23. Chinese Army Hospital 234, University of Shenyang TCM Publication, 1977, (8): 85
24. Wang B. X. editor, Modern Chinese Herbs Pharmacology, Tianjin: Tianjin Science & Technology Publisher, 1997, 1238
25. Lee, H. W., etc. Journal of TCM, 1982, 23 (11): 70