

RENAL WEEK 2010
CLINICAL NEPHROLOGY CONFERENCES:
NUTRIENTS AND BLOOD PRESSURE
MECHANISMS OF OBESITY-RELATED HYPERTENSION

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Syllabus

1. Worldwide age – standardized prevalence of overweight and obesity in adults by country in 2005.
2. Worldwide estimated prevalence of overweight and obesity by 2030.
3. Combined Definition of Metabolic Syndrome.
4. Adipose tissue factors that have been implicated in the pathogenesis of obesity induced hypertension.
5. Inflammatory cytokines associated with obesity-hypertension.
6. Cytokines target.
7. The Adipocyte RAS synthesis.
8. Obesity insulin resistance and hypertension.
9. Obesity-leptin and hypertension.
10. Physiopathologic relationship between obesity and hypertension.
11. Effects of ROS in blood pressure regulation
12. The sympathetic overactivity in the obesity-hypertension connection.
13. Obesity-hypertension “Cascade of Events”.
14. Impact of obesity on SBP and LV mass index.
15. Hemodynamic events in Obesity-hypertension.
16. Probability of CHF in obesity-hypertension.
17. Probability of dying among morbid obesity.
18. Correlation between renal blood flow in obese hypertension.
19. Podocyte dysfunction in obese subjects.
20. Transcapillary escape rate of albumin in hypertensive patient with overweight.
21. Obesity related glomerulopathy.
22. Kidney Injury mechanisms in the metabolic syndrome and obesity
23. Summary.