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Treatment of Iron Deficiency Anemia



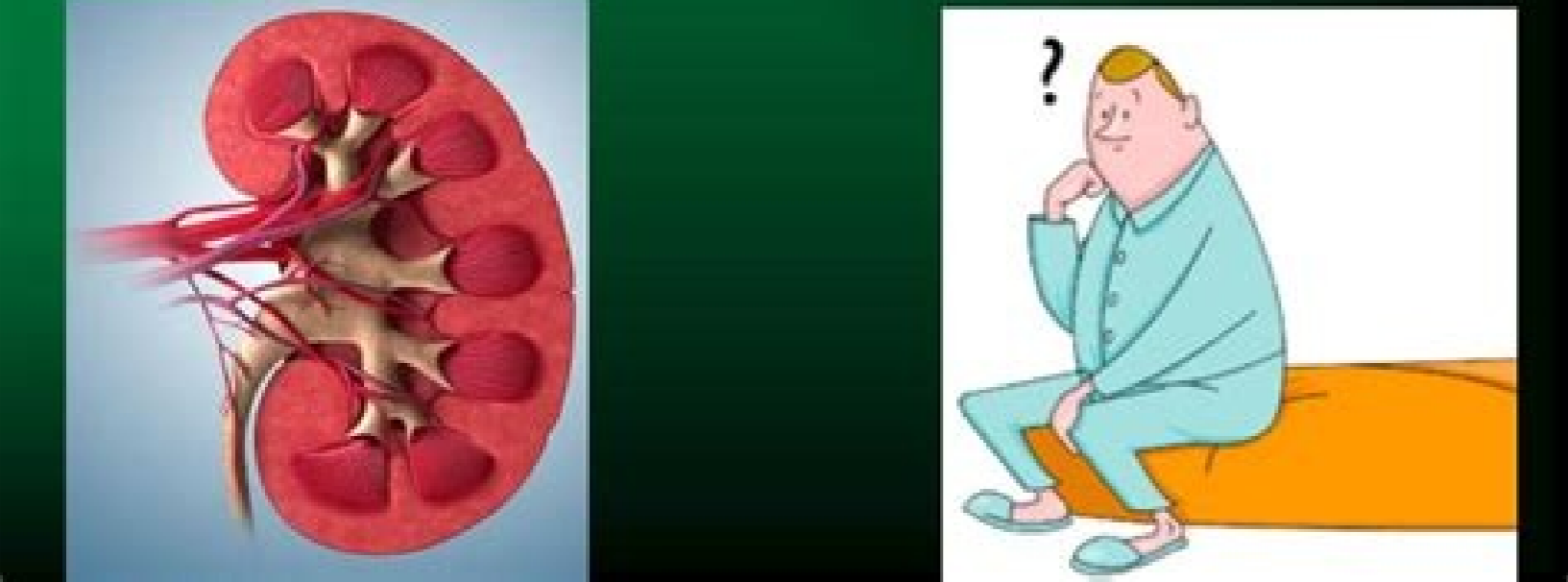
Treatment of 1st Hyperparathyroidism

- **Surgery – remove the diseased Parathyroid gland and leave the normal glands.**
 - One bad gland is removed – 95%
 - 3 or 3 ½ glands are removed – 5%



Pathophysiology of uremia

- ✔ Diminished excretion of electrolytes and water,
- ✔ Reduced excretion of organic solutes,
- ✔ Decreased hormone production



Treatment of Iron Deficiency Anemia

Treatment	Potential Benefits	Potential Risks
IV iron ^a	<ul style="list-style-type: none">• Improve hemoglobin levels• Reduce dosing requirements for ESAs	<ul style="list-style-type: none">• Accumulation in tissue• Transient increase in oxidative stress (?)• Risk for infection (?)• Increase in plasma non-transferrin-bound iron
EPO-stimulating agents ^b	<ul style="list-style-type: none">• Decrease need for red blood cell transfusions• Improvement in quality of life	<ul style="list-style-type: none">• Cardiovascular events• Stroke• Vascular thrombosis• Hypertension

a. Fishbane S, et al. *Nephrol Dial Transplant*. 2014;29:255-259^[9]; b. Palmer SC, et al. *Ann Intern Med*. 2010;153:23-33^[10]

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