Evaluation of Creatinine Adjustment for Urinary Excretion in Lactating Mothers

**Creatinine adjustment**

24 hr amount (Estimated), $\mu$g/24 hr = $\frac{[\text{Iodine}], \mu\text{g/L}}{[\text{Cre}], \text{g/L}}$

Average daily urinary creatinine excretion, g/24 hr

- Male: 1.7 g/24 hr
- Female: 1.0 g/24 hr

**Measured vs. Predicted**

- Iodine
- Selenium
- Perchlorate
- Thiocyanate

**Creatinine excretion and iodine excretion**

- Actual 24-h Iodine excretion, $\mu$g
- 24-h Iodine excretion by creatinine adjustment

**Iodine Selenium**

- Beef/Rice
- Mexican Cheese/Rice/Beef
- Tuna Salad/Egg/Soup
- BBQ Beef/Pork
- Pork Burrito
- Canned Mackarel/Noodle
- Carried Chicken

**Iodine Amount, $\mu$g**

- Day 1 - 5

**Actual 24-h Iodine excretion, $\mu$g**

- 8/13/07 - 8/17/07

- 8/14/07
- 8/15/07
- 8/16/07
- 8/17/07