

Table 7.4. Synthesis rates at various ages, measured by the EP method.

	S (mg protein kg ⁻¹ day ⁻¹)	n (studies)	N (subjects)
Premature infants			
Oral, multiple dose, fed	442	6	60
Neonates			
IV, constant infusion, TPN	322	2	24
Infants			
Oral, single or multiple dose, fed ^a			
Mid-recovery from malnutrition	255	2	21
Recovered from malnutrition	241	3	37
Pregnancy			
Oral, single or multiple dose, fed			
Early	169	2	15
Mid	162	4	46
Late	163	4	46
Elderly			
Oral, single dose or constant infusion, fed ^b	151	9	85

^aNo difference in rates of synthesis with single or multiple dosage – in separate subjects.

^bIn one study (Pannemans *et al.*, 1995) results given separately for men and women: S for women 114, for men 183 mg protein kg⁻¹ day⁻¹.