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Elevated Serum Concentrations of Triiodothyronine in Hypothyroid Patients

Values for Patients Receiving USP Thyroid

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Age, yr/Sex	Daily Dosage, USP Thyroid		Hormone Concentrations During Therapy With USP Thyroid*			Daily Dosage, Levothyroxine Sodium		Hormone Concentrations During Therapy With Levothyroxine		
	mg	mg/Kg	T4 μg/dL	T3 ng/dL	TSH, μU/mL	μg	μg/kg	T4 μg/dL	T3 ng/dL	TSH, μU/mL
6.2/M	97	5.0	11.5	732	0.5	100	5.2	11.8	174	1.9
8.3/M	97	3.5	8.5	483	1.2	100	3.7	14.3	129	1.4
9.3/F	129	4.5	6.8	266	1.4	150	5.2	13.5	160	1.6
10.7/F	129	2.9	4.4	421	1.1	150	3.4	8.9	161	2.2
10.8/F	129	3.4	6.9	315	5.0	150	4.0	14.0	187	1.5
10.8/F	194	5.9	8.0	416	0.5	150	4.6	7.1	176	0.9
11.3/M	194	6.0	8.9	518	2.5	150	4.7	11.0	131	5.0
12.7/F	194	5.2	5.4	229	1.7	150	4.0	6.9	120	1.1
13.4/F	194	3.7	6.7	201	1.1	200	3.8	12.1	130	0.5
13.7/F	129	2.5	7.2	414	1.1	200	3.9	11.3	180	1.8
15.2/M	194	3.5	5.5	284	0.5	200	3.6	11.0	179	1.1
16.7/F	194	4.2	10.7	496	0.5	200	4.3	13.4	169	1.1
17.0/F	194	3.9	6.3	458	0.5	200	4.0	14.0	139	0.5
18.2/F	129	2.5	9.2	265	0.5	200	3.9	14.4	160	1.4
Mean	157	4.1	7.6	393	1.3	164	4.2	11.7†	157†	1.6‡
SD	39.9	1.1	2.0	144	1.2	36.3	0.6	2.5	23	1.1

*Normal range, serum: thyroxine (T₄), 4.2 to 15.0 μg/dL; triiodothyronine (T₃), 70.0 to 220.0 ng/dL; thyroid-stimulating hormone (TSH), 0 to 5 μU/mL.

†When compared with mean of appropriate determination by both the Wilcoxon two-sample rank test and the t test during therapy with USP thyroid, P < .01.

‡Also using the Wilcoxon two-sample rank test and the t test, P > .1.

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