Impact of Vitamin D Therapy on Thyroid Function and Antibody Levels in Pediatric Graves' Disease

NCT07369063

Status	RECRUITING
Phase	Phase 2
Sponsor	Northwell Health
Enrollment	30 participants

Key Eligibility Criteria

Inclusion (8)

- All new pediatric participants aged 9-17 years with a new diagnosis of GD who will be started on methimazole, will be offered to participate at the time of diagnosis.
- Biochemical features include:
- Suppressed TSH \<0.1.
- Elevated T3
- Elevated Free T4

... and 3 more (see full listing online)

Exclusion (10)

- Initial hydroxy vitamin D levels \>80 ng/mL
- Hypocalcemia, corrected calcium based on albumin \<8.4 mg/dL
- Hypercalcemia, corrected calcium based on albumin \>10.5 mg/dL
- Conditions that affect vitamin D metabolism such as: malabsorption, chronic kidney or liver disease, nephrocalcinosis, hyperparathyroidism
- Current use of medications which are known to affect thyroid function or vitamin D metabolism such as thyroid hormone replacement, corticosteroids, anticonvulsants

... and 5 more (see full listing online)

Locations (1 total)

Pediatric Endocrinology at Northwell Health, New Hyde Park, New York, United States