

## AMERICAN THYROID ASSOCIATION SATELLITE SYMPOSIUM AT ENDO:



2015 ATA Clinical Management Guidelines on Medullary  
Thyroid Cancer and Pediatric Thyroid Cancer—  
Highlights, Controversies and Consensus

WEDNESDAY, MARCH 4, 2015  
12:00 PM – 5:15 PM  
SAN DIEGO CONVENTION Center  
San Diego, California



AMERICAN  
THYROID  
ASSOCIATION  
FOUNDED 1923

### Preliminary Program (as of 12/19/2014)

#### ATA Management Guidelines for Children with Thyroid Nodules and Differentiated Thyroid Cancer

12:00 p.m. – 12:30 p.m. Lunch available to all registered attendees

12:30 p.m. – 12:40 p.m. **Background (Andrew J. Bauer)**

- Pediatric Task Force Composition and Guidelines Process
- Pediatric Thyroid Nodules and Cancer—Why are Separate Guidelines Needed?

12:40 p.m. – 12:55 p.m. **Pediatric Thyroid Nodules (Salvatore Benvenega)**

- Incidence and Risk of Cancer
- Evaluation/Treatment of Pediatric Thyroid Nodules

12:55 p.m. – 1:10 p.m. **Pre-operative Staging and Surgery (Geoffrey B. Thompson)**

- Pre-Operative Staging
- Optimal Surgical Approach—Which Surgeon and What Procedure?

1:10 p.m. – 1:25 p.m. **Risk Stratification and Post-operative Staging (Andrew J. Bauer)**

- ATA Pediatric Thyroid Cancer Risk Stratification
- Post-Operative Staging Based upon Risk Stratification

1:25 p.m. – 1:40 p.m. **The Role of RAI in Pediatric Thyroid Cancer (Markus Luster)**

- Indications for RAI in Pediatric Thyroid Cancer
- RAI Dose Selection

1:40 p.m. – 1:55 p.m. **TSH Suppression and Surveillance (Catherine A. Dinuer)**

- Role of TSH Suppression and TSH Goals
- Use of US, RAI Scans, and Thyroglobulin Levels in the Long-Term Follow Up of Pediatric Thyroid Cancer
- Appropriate Evaluation of the Patient with Known or Suspected Residual Disease

1:55 p.m. – 2:10 p.m. **Management of Children with Distant Metastases (Steven G. Waguespack)**

- Role of RAI and Other Systemic Therapies in the Management of Pulmonary Metastasis

2:10 p.m. – 2:40 p.m. **Panel Discussion with Questions from the Audience (all speakers)**

2:40 p.m. – 3:00 p.m. **Break**

### ATA Management Guidelines for Medullary Thyroid Carcinoma

- 3:00 p.m. – 3:15 p.m.      **Background (Samuel A. Wells, Jr.)**
- Etiology of Sporadic and Hereditary MTC
  - Clinical Characteristics and Relationship between Genotype and Phenotype of Sporadic and Hereditary MTC
- 3:15 p.m. – 3:30 p.m.      Initial Evaluation of Patients with a Thyroid Nodule and Suspected MTC  
**(Robert F. Gagel)**
- Direct DNA Analysis to Detect *RET* Germline Mutations in Patients with Apparent Sporadic MTC
  - Secretory Products of MTC
- 3:30 p.m. – 3:45 p.m.      **Ethical Considerations for Genetic Screening (M. Sara Rosenthal)**
- 3:45 p.m. – 4:00 p.m.      **Management of Patients with Clinically Evident MTC (Douglas B. Evans)**
- Management of Patients with MTC confined to the Thyroid Gland
  - Management of Patients with Advanced Local Disease
  - Management of Patients Who Have Had an Inadequate Initial Operation
- 4:00 p.m. – 4:15 p.m.      **Management of Children with Hereditary MTC (Steven G. Waguespack)**
- Prophylactic Thyroidectomy in Children with MEN2A or MEN2B
- 4:15 p.m. – 4:30 p.m.      **Management of Pheochromocytomas and Parathyroid Tumors in Patients with Hereditary MTC (Douglas B. Evans)**
- 4:30 p.m. – 4:45 p.m.      **Treatment of Patients with Metastatic MTC (Bruce G. Robinson)**
- Management of patients with distant metastases
  - Management of patients with hormonally active metastases
- 4:45 p.m. – 5:15 p.m.      **Panel Discussion with Questions and Answers from the Audience (all speakers)**

### Management Guidelines for Children with Thyroid Nodules and Differentiated Thyroid Cancer Faculty

- Andrew J. Bauer, M.D., Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
- Salvatore Benvenga, MD, Policlinico Universitario di Messina, Italy
- Steven G. Waguespack, M.D., University of Texas M.D. Anderson Cancer Center, Houston, Texas
- Catherine A. Dinauer, M.D., Yale University School of Medicine, New Haven, Connecticut
- Markus Luster, M.D., University of Marburg and University Hospital Marburg, Marburg, Germany
- Geoffrey B. Thompson, M.D., Mayo Clinic, Rochester, Minnesota

### Guidelines for the Management of Medullary Thyroid Carcinoma Faculty

- Douglas B. Evans, M.D., Medical College of Wisconsin, Milwaukee, Wisconsin
- Robert F. Gagel, M.D., The University of Texas M. D. Anderson Cancer Center, Houston, Texas
- Bruce G. Robinson, M.D., The University of Sydney, Sydney, Australia
- M. Sara Rosenthal, Ph.D., University of Kentucky, Lexington, Kentucky
- Steven G. Waguespack, M.D., University of Texas M.D. Anderson Cancer Center, Houston, Texas
- Samuel A. Wells, Jr., M.D., National Cancer Institute, National Institutes of Health, Bethesda, Maryland