Surgery Grand Rounds – Speaker Information

Date: June 17, 2015

TOPIC: Contemporary Management of Thyroid Cancer

Speaker: Christopher R. McHenry, MD
Director, General Surgery
Vice Chairman, Department of Surgery
Metro Health Medical Center, Cleveland, Ohio

LEARNING OBJECTIVES:

1. To discuss what constitutes the appropriate extent of thyroidectomy for low and high risk papillary cancer, minimally-invasive and invasive follicular cancer and Hurthle cell cancer
2. To emphasize the surgical principles for treatment of cancer
3. To review the management of extra thyroidal tumor spread and lymph node metastases.

QUESTIONS:

1) All of the following statements about thyroid cancer are true except:
   A) the incidence has increased 3 fold since 1975
   B) mortality has declined
   C) it is the fifth most common cancer in women
   D) the incidence has increased in men and women

2) A central compartment neck dissection is most appropriate for a patient with:
   A) A 4 cm follicular carcinoma
   B) macroscopic lymph node metastases
   C) clinically node negative PTC that is BRAF positive
   D) Hurthle cell carcinoma

3) Macroscopic lymph node metastases in patients with papillary thyroid cancer are:
   A) rare
   B) less common than in patients with follicular cancer
   C) associated with reduced survival in patients < 45 years of age
   D) associated with increased locoregional recurrence

4) Extrathyroidal tumor spread in patients with papillary thyroid cancer:
   A) most commonly involves the trachea
   B) is treated with resection of a functioning recurrent laryngeal nerve when it is invaded by tumor
   C) is associated with increased recurrence and systemic metastases
   D) has no effect on overall survival

5) Postoperative management of all patients with papillary thyroid cancer > 1cm should include:
   A) routine radioidine ablation and whole body scanning
   B) lifelong TSH suppressive (TSH< 0.1) doses of thyroid hormone
   C) yearly FDG PET imaging
   D) periodic neck US and serum thyroglobulin levels

Disclosures:
Dr. Christopher McHenry has indicated that he has no financial relationships with any commercial interest relevant to his presentation. (See submitted COI)