



Adherence to Seattle Protocol during endoscopy in patients with Barrett's oesophagus - audit

C. Hall, K. Wcislo, N. Abbassi-Ghadi

University of Southampton, UK; Royal Surrey County Hospital, Guildford, UK.

Abstract:

Introduction: Barrett's oesophagus (BO) affects approximately 2% of people in the western world. It increases the risk of oesophageal adenocarcinoma 30 times compared to the general population, thus exhibiting the need for regular surveillance. Its aim is to detect presence of oesophageal cancer at earlier stages and in turn to improve prognosis.

The Seattle Protocol is the optimal method for detecting early cancers in patients with high-grade dysplasia.

Aim: To assess whether Seattle Protocol was adhered to and whether implementing a specialist service for Barrett's surveillance (consisting of 4 dedicated team members) increased the compliance.

Methods: 49 patients who were scheduled for BO surveillance between May 2018 and September 2018 were included in the audit. After the intervention was implemented, 50 patients who were scheduled for BO surveillance between October 2018 and February 2019 were included in the re-audit.

Results: 50% of endoscopies followed the Seattle Protocol before the implementation of the intervention with this figure being 68% afterwards. This data suggests an improvement with the intervention in place. Moreover, although there was no correlation between the duration of the procedure and the length of BO, there was a positive trend between the duration of procedure and compliance with Seattle Protocol.

Conclusion: The implementation of a specialist service for Barrett's oesophagus surveillance might increase the adherence to Seattle Protocol.

Biography:

1. Dr. David C. Hall joined Community Physician Network, Neurosurgical Care in 2010. Dr. Hall is a graduate of Westminster Medical School, University



of London, England and completed his surgical internship and neurosurgical residency at IU Medical Center.

2. He is board certified and brings over 25 years of experience from the Indianapolis area. In addition to his surgical practice, Dr. Hall served as Clinical Assistant Professor of Neurosurgery at IU Medical Center.
3. Dr. Hall's interests include cranial and spinal oncology, movement disorder surgery for Parkinson's Disease and tremors, as well as minimally-invasive spine techniques for trauma and degenerative disease.
4. Dr. Hall was named to the 2011 Indianapolis Monthly Top Doctors listing of the area's leading physicians for neurological surgery and named in the 2013 and 2012 Best Doctors in America® for neurological brain surgery in Indiana.

Recent Publications:

1. Transfer of Dicamba Tolerance from *Sinapis arvensis* to *Brassica napus* via Embryo Rescue and Recurrent Backcross Breeding
2. Bringing plant-based veterinary vaccines to market: Managing regulatory and commercial hurdles
3. The butterfly plant arms-race escalated by gene and genome duplications

Webinar on Plastic Surgery and Maxillofacial Surgery

Citation: C. Hall; Adherence to Seattle Protocol during endoscopy in patients with Barrett's oesophagus - audit; Plastic&maxillofacial meet 2020; October 10, 2020; Dubai, UAE.