

## NZSG Polypectomy course

### *An interactive hands-on teaching course*

#### Aim

To provide the tools and skill to enable safe polypectomy during routine colonoscopy.

*Day 1 – Educational lectures, discussions – open to all individuals with an interest in endoscopy :*

#### FEES ARE:

- \$425 pp – Consultant gastroenterologists, surgeons, physicians
- \$250pp – Surgical endoscopy trainees, Nurse Endoscopists and Nurse Endoscopist trainees, Gastroenterology trainees
- \$150pp – Endoscopy Room nurses

NZSG is mindful that this cost could be prohibitive for some individuals, and do not wish this to impede attendance.

If this affects you, please email <mailto:office@nzsg.org.nz>. This will be managed respectfully and confidentially.

Nurses can approach NZgNC for support, as well as consider local training budget providers.

#### Day 1 will cover:

- Recognition and description of pathology including classification of polyp type and risk stratification
- Theory of how to approach polypectomy and equipment needed
- Addressing methods of managing polyp polypectomy complication such as bleeding and perforation

All individuals with an interest in endoscopy are welcome, including gastroenterology and surgical advanced trainees, nurse endoscopists, endoscopy nurses and allied professionals.

*Day 2 – in-vivo hands on small group teaching is limited to 6 participants:*

#### FEE IS:

\$2500pp (includes both days)

#### Selection Process

Due to the limited numbers of places available and intermediate and advanced techniques being involved, participants will be selected based on:

1. Completed application
2. Current CV and logbook
3. conjoint committee accreditation if applicable.

#### Day 2 will cover:

In-vivo pig stations will allow practical experience of equipment and teaching of skills. Participants will use the sessions to enhance their knowledge as well as try new skills such as piecemeal resection.

- Basic skill sets such as orientation of the polyp to correct position and simple polypectomy techniques such as snare resection and strip biopsy (small lift and snare EMR)
- Intermediate and more advanced trainees can use the opportunity to interact with faculty at a more in-depth level regarding wide field EMR, cap and band ligation techniques
- Advanced skill teaching – EMR, hybrid EMR/ESD and basic ESD techniques.
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## Faculty

The course comprises of 6 core faculty – all practicing interventional endoscopists / endoscopy trainers in NZ. Current confirmed faculty:

1. Dr Lesley-Ann Smith – Interventional Endoscopist, ADHB
2. Dr Cameron Schauer – Interventional Endoscopist, WDHB
3. Dr Ratna Pandey – Interventional Endoscopist, WDHB
4. Dr Anurag Sekra – Interventional Endoscopist, CMDHB
5. Dr David McGouran – Interventional Endoscopist, Tauranga, Bay of Plenty
6. Mr. Mike Hulme-Moir - Interventional Endoscopist and Colorectal surgeon, WDHB

# Program for NZ Advanced Polypectomy Course

## Day 1 – Educational content

### Morning session

| Time          | Title                                       | Faculty   |
|---------------|---|---|
| 08:00 - 08:30 | 1.Welcome and introductions                 | Dr Lesley-Ann Smith / all                               |
| 08:30 - 09:00 | 2.Before you start – things to consider     | Dr Lesley-Ann Smith / Dr David McGouran                 |
| 09:00 - 09:45 | 3.Assessment of lesions                     | Dr Cameron Schauer                                      |
| 09:45 - 10:45 | 4.EMR or ESD? What should we remove and how | To be Determined – Dr Ratna Pandey & Mr Mike Hulme-Moir |
| 10.45 - 11:15 | Morning tea                                 |   |
| 11:45 – 12:15 | 5.Equipment                                 | Dr Anurag Sekra / Dr David McGouran                     |
|               | Lunch                                       |   |

### Afternoon Session

|               |  |   |
|---------------|--|---|
| 13:00 – 14:30 | 6 Video and discussion                         | All   |
| 14:30 – 15:00 | 7 Management of complications                  | Mr Mike Hulme-Moir / Dr Cameron Schauer / Dr Anurag Sekra |
| 15:00 – 15:30 | Afternoon tea                                  |   |
| 15:30 – 16:30 | 8 Treatment of recurrence and other hot topics | Dr Ratna Pandey / Dr David McGouran/ all                  |
| 16:30         | Close  |   |

## Day 1

### 1. Welcome and introductions

Basic introduction and housekeeping rules for the day.

### 2. Before you start – things to consider

- A look at how to prepare for EMR/ESD:
  - Do you have the appropriate level of training / supervision / back-up services
  - Do you have the right nursing skill mix
  - Do you have the correct equipment and room set up
- Description of NETS
- Time out and consent

### 3. Assessment of lesions

- A guide to descriptions used, Paris / Kudo / JNET
- Malignancy risk of lesions – SMIC in LSLs
- SMSA scoring
- Time for questions and discussion included

### 4. EMR or ESD? What should we remove and how

- Debate on EMR vs ESD vs TAMIS/Surgery

- Panel discussion afterwards

## 5. Equipment

- A run through of standard equipment used including ERBE and settings

## 6. Videos and discussions

- Panel selected videos demonstrating common approaches to polyp resection. Technique demonstration.
- Discussion around strategies used

## 7. Management of complications

- Panel selected videos and discussions around management of common complications

## 8. Treatment of recurrence and other hot topics

- Approaches to the recurrent polyp and discussion on issues including
- To clip or not
- Tattooing
- Awkward locations such as the appendiceal orifice, ICV, dentate line

## Day 2 – Hands on training

| Time          | Title              | Faculty |
|---------------|--------------------|---------|
| 08:00         | Welcome            |         |
| 08:30         | Hands on session 1 | all     |
| 10:30 – 11:00 | Morning tea        |         |
| 11:00 – 13:00 | Hands on session 2 | all     |
| 13:00         | Lunch              |         |
| 13:30 – 15:30 | Hands on session 3 | all     |
| 15:30         | Feedback and close |         |

Day 2 will run as 2 stations, 3 participants per stations.

20 minutes rotations through each station will give each participant 40 minutes of hands-on training per session as well as opportunity to learn how to set up and use equipment while interacting with faculty on “how to”:

- Participant A – EMR/ESD practice at participant level
- Participant B – acts as equipment technician
- Participant C – observes

Participants rotate after 20 minutes irrespective of where you are in your resection.