

# Capsule endoscopy in the diagnosis of small intestinal pathology

MARK W A NORRIE BHB, MBCHB, FRACP, PHD

SINCE ITS INTRODUCTION in 2000, capsule endoscopy has allowed us to investigate and diagnose pathology in the small intestine, a previously arcane area of the gastrointestinal tract.

Presently it is funded by Medicare to investigate overt GI bleeding or occult bleeding with iron deficiency anaemia where a source has not been disclosed after gastroscopy and colonoscopy or for the surveillance of Peutz Jeghers syndrome.

The procedure requires the patient to fast overnight and then swallow a capsule equipped with a light source and camera that tumbles through the small intestine and transmits two images per second to a recording device worn by the patient over an 8 hour time period. There is no anaesthetic involved, nor does the patient need to remain within the facility during this time thus ensuring minimal disruption. The capsule is excreted normally with defaecation.

The only significant risk with this procedure is capsule retention that occurs in about 1% of cases that may require surgical or endoscopic removal. This rate is higher (up to 8%) in patients with Crohns disease. In patients with a

swallowing disorder, the capsule may need to be placed with a gastroscopy

Capsule endoscopy has sensitivity of 47% and 66.6% respectively for the detection of pathology in occult bleeding or iron deficiency anaemia. Where pathology is detected, the patient may then need to be referred for enteroscopy to obtain a tissue diagnosis or for interventional procedures.

The most commonly diagnosed conditions include small bowel tumours in 5-7% cases as well as Crohns disease, NSAID injury and angioectasia.

Capsule endoscopy is available at Montserrat Day hospitals at our Indooroopilly facility and can be performed after the patient has had an antecedent gastroscopy and colonoscopy and following a brief consultation.







**GAYTHORNE DAY HOSPITAL** Dermatologist M.B.B.S (Hons), FACD



- Q: Where were you born and raised?
- A: Born and raised in Brisbane.
- Q: The #1 most played song on your iPod?
- A: Business Daily (BBC World Service) podcast.
- Q: What chore do you absolutely hate doing?
- A: Mowing.
- Q: What is your favourite form of exercise?
- A: Running
- Q: If you knew the world was ending in 2017, what would you do differently?
- A: Not have children.
- Q: If you could choose anyone, who would you pick as your mentor?
- A: Elon Musk.
- Q: If you could witness any event, past, present or future, what would it be?
- A: The first walk on the moon.
- Q: If you could learn to do anything, what would it be?
- A: Learn to surf.
- Q: If you could meet anyone, living or dead, who would you meet?
- A: Leonardo da Vinci.
- Q: What was the last movie, TV show or book that made you tear up?
- A: The Hangover.
- Q: What's the hardest thing you've ever done?
- A: A 7h speed boat trip across the sea in Indonesia, when flights were cancelled.







OUR TEAM OF EXPERTS provide Gastroenterology services across 6 locations in Queensland, allowing patients better access to local specialists.

### **Facility Features**



Modern Day Hospital environment



We have industry leading benchmark detection and satisfaction rates, and have ISO Accreditation



Specialists in Irritable Bowel, Crohn's and other digestive diseases, as well as Bowel Cancer screening and Surveillance



Our 7 Gastroenterologist provide full consulting and Endoscopy service



Montserrat digitally records all Endoscopy procedure for peer review



Open Access service available



All of our Montserrat facilities are easy access with FREE patient parking

All Health funds accepted and self-funded patients welcome

### Meet the team



DR REBECCA RYAN Gastroenterologist and Hepatologist BMBS (HONS) FRACP



DR CLIONA MAGUIRE Gastroenterologist MB BCH BAO MRCPI FRACP



DR TERRANCE TAN Gastroenterologist MB BS FRACP PHD



DR DERWIN WILLIAMS Gastroenterologist MB BS FRACP



DR MARK NORRIE Gastroenterologist BHB MB CHB FRACP PHD



DR SAM ISLAM Gastroenterologist MBBS PHD FRAC



DR KAVIN NANDA Gastroenterologist/ Interventional Endoscopist MB.BCH MRCP(UK) MD FEBGH FRACP

INDOOROOPILLY **GAYTHORNE NORTH LAKES IPSWICH EMERALD** LONGREACH GP Hotline: (07) 3833 6788 | Bookings: (07) 3833 6701 | Fax (07) 3833 6740 | Medical Objects: CM40000007H

### **Updated** Open Access Endoscopy Timetable

SPECIALIST	MON	TUES	WED	THURS	FRI	SAT
Dr Cliona Maguire	GAY	GAY	GAY/NLDH°	GAY		Service Rotates between Doctors at Indooroopilly
Dr Derwin Williams		IND	IND/IPS	IND	IND/IPS#	
Dr Mark Norrie		IND		IND	IND«	
Dr Sam Islam	IND		IND	NLDH°	IND#	
Dr Rebecca Ryan	IND	GAY#/IND#			IND#	
Dr Hugh McGregor		NLDH#			GAY°	
Dr Daniel Mehanna	NLDH					
Dr Terrance Tan		IND#/IPS#				

<sup>«</sup> Unless in Emerald or Longreach # Full day list usually available

10 DAY PATIENT PROMISE - COLONOSCOPY PATIENTS

Call the GP Hotline on 3833 6788 or visit montserrat.com.au



<sup>\*</sup> Please note that whilst we offer an Open Access Service all our Gastroenterologists are availible for consultations.

<sup>#</sup> Fortnightly only

<sup>°</sup> Monthly only (Haemorrhoid Clinic)

# Queensland **Vasectomy Clinics Now** Open at Indooroopilly

- Queensland Vasectomy Clinics
- No scalpel, no needle option
- Medicare rebates apply
- Health Fund rebates apply
- Weekly Clinics

Bookings can be made by calling 07 3833 6766 or by visiting queenslandvasectomyclinics.com.au

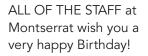




## **Congratulations** Nadia

CONGRATULATIONS to Nadia Roberts from our support Office on completing her course. Leadership Performance run by Women & Leadership Australia. Made up of 6 days of workshops & courses with women from a variety of workplaces including Government, Agriculture, Finance & Healthcare.

## **Happy Birthday** Derwin













# **Melbourne Cup Day Celebrations** 2016 Recap

MONTSERRAT STAFF celebrated this years Melbourne Cup in style.



## MONTSERRAT DAY HOSPITALS VISITING SPECIALIST LIST

EFFECTIVE NOVEMBER 2016



www.montserrat.com.au

NORTH LAKES
7 Endeavour Blvd, North Lakes, 4509

GP hotline: ......07 3833 6755 General Fax:......07 3491 3614 Consulting Suites Ph:........... 07 3833 6765 Consulting Suites Fax:......07 3491 6803

Brisbane Haemorrhoid Clinic

General bookings:.....07 3833 6707

Brisbane Hernia Clinic

General bookings:.....07 3833 6786

Cardiology

Dr Roderick Chua ......07 3861 5522

**ENT Surgery** 

Dr David McIntosh......07 5451 0333

**Fertility Treatment** 

General bookings:.....1800 4 MY IVF

Gastroenterology

Dr Agus Brotodihardjo...... 1300 513 255 Dr Cliona Maguire ...... 07 3833 6701 Dr Sam Islam......07 3833 6701 Dr Rajeer Palar Sinniah...... 1300 733 801 Dr Mahesh Jayanna......1300 733 801

**General Surgery** 

Dr Naeem Khan...... 07 3833 6765 Dr Hugh McGregor...... 07 3283 4200 Dr Daniel Mehanna...... 07 3833 6765 Dr Roderick Borrowdale.....07 3283 4200

Gynaecology

Dr Lata Sharma...... 07 <u>3833 6765</u> Dr Graham Tronc ...... 07 3870 5602

**Occupational Medicine** 

Dr Robert McCartney drrob@omcd.com.au

**Oncology & Haematology Clinic** 

Dr Raluca Fleser ...... 07 3353 9026 Dr Darshit Thaker......07 3859 0690 Dr Peter Davidson......07 3121 4605 Dr Kieron Bigby......07 3859 0690 Dr Geoffrey Hawson.......... 07 3859 0690 **Open Access Endoscopy** 

Dr Sam Islam ...... 07 3833 6701 Dr Cliona Maguire ......07 3833 6701

Ophthalmology

Dr Andrew Smith ...... 07 3385 0900 Dr Stuart Reader ...... 07 3385 <u>0900</u> Dr Kate Slaughter...... 07 3385 0900

Oral & Maxilofacial

Dr Mohammed Mansour..07 3832 3232 Dr Terrence Alexander......07 3832 3232 Dr Matthew Hawthorne.....07 3852 4888

**Orthopaedics** 

Dr Gaugin Gamboa (Knees)...07 3832 1652 Dr David Shooter (Hand & orthopaedic clinic)

.....07 3339 1514

**Plastic Surgery** 

Dr Phil Richardson ...... 1300 789 240 Dr Mark Kohout ...... 1300 559 848 Dr Joseph Rizk ...... 1300 559 848

**Bodyworks Physiotherapy** 

General hotline:......07 3204 6388

Queensland Vasectomy Clinic

General hotline:......07 3833 6766

**Northside Sleep Clinic** 

General hotline: ...... 07 3635 8400

**Urology** 

Dr Jo Schoeman...... 07 3831 9049 Dr Jon Paul Meyer ...... 07 3883 4431 .....0488 378 016

**Vascular Surgery** 

Dr Simon Quinn ...... 07 3188 7521

**IPSWICH** 

**Ipswich Boulevard Specilaist Suites** Suite 4/17 Limestone Street Ipswich, 4305

General bookings:......07 3812 5166 General Fax:.....07 3812 5188

Gastroenterology

Dr Derwin Williams

Dr Terrance Tan

#### INDOOROOPILLY

12 Riverview Tce, Indooroopilly, 4068

GP hotline:.....07 3833 6788 General bookings:.......... 07 3833 6701 General Fax:......07 3833 6740

Gastroenterology

Dr Rebecca Ryan Dr Terrance Tan Dr Cliona Maguire Dr Sam Islam Dr Mark Norrie Dr Kavin Nanda Dr Derwin Williams

Hepatology

Dr Rebecca Ryan

Vasectomy

General bookings......07 3833 6766

#### **GAYTHORNE**

383-391 Samford Rd, Gaythorne 4501

General hotline:......07 3833 6794 General Fax:.....07 3354 3296

**General Surgeon** 

Dr Hugh McGregor......07 3283 4200

Dermatology

Dr Jason Wu......07 3871 2000 Dr Greg Butler......07 3871 2000 Dr Karl Rodins......07 3550 3082

Gastroenterology/ Iron Infusions

Dr Cliona Maguire ......07 38336701 Dr Rebecca Ryan.....07 38336701

Vasectomy

General bookings......07 3833 6766

Plastic/Cosmetic

Dr Andrew Broadhurst......07 3252 8884 Dr Ian Chinsee.....07 5588 4777 Dr Theo Birch......07 3831 1500

Cosmetic

Dr George Mayson......1300 050 140 Dr Jorge Lopez.....1800 819 400 Dr Simon Rosenbaum......1800 819 400 Dr Ali Hussain ......1800 819 400 DrJassim Daood......1300 656 236

HAEMATOLOGY & ONCOLOGY **CLINICS** 



#### SUNSHINE COAST **HAEMATOLOGY &** ONCOLOGY

10 King Street, Buderim QLD 4556

General bookings:............... 07 5479 0000 

Dr John Reardon - Haematology / Oncology

Dr Hong Shue - Medical Oncology

Dr Sorab Snavaskha - Haematology

Dr Lydia Pitcher - Haematology

#### NORTH LAKES HAEMATOLOGY & ONCOLOGY

7 Endeavour Blvd. North Lakes. 4509

General bookings......07 3833 6755 General Fax:.....07 3491 3614

Dr Darshit Thaker

- Medical Oncologist ......07 3859 0690

Dr Keiron Bigby

- Medical Oncologist ......07 3859 0690

Dr Raluca Fleser

- Haematology......07 <u>3353</u> 9026

Dr Peter Davidson

- Haematology......07 3121 4605

Dr Geoffrey Hawson - Haematology /

Oncology......07 38<u>59 06</u>90