

Registration Form

Name _____

Gender Male Female

Institution and designation

Pathologist Paediatric Surgeon

Address for correspondence _____

Tel. _____

Mobile _____

Email: _____ (mandatory)

DD No. _____ Date _____

Drawn on Bank _____

Signature _____

Organising Committee

Organising Chairman

Dr.Usha Kini
Professor and Head,
Department of Pathology

Organising Secretary

Dr.Kanishka Das
Professor and Head ,
Paediatric Surgery

Members

The Teaching Staff
of the
Department of Pathology
and
Department of Paediatric Surgery

1ST NATIONAL HANDS - ON WORKSHOP ON DIAGNOSIS OF HIRSCHSPRUNG'S DISEASE AND ALLIED DISORDERS



6th and 7th February, 2010

DEPARTMENTS
OF
PATHOLOGY
AND
PAEDIATRIC SURGERY

ST. JOHN'S NATIONAL ACADEMY
OF HEALTH SCIENCES
BANGALORE - 560034

Sponsors

MERT, Karnataka
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Background

The diagnosis and management of Hirschsprung's Disease (HD) depends on a conclusive histological diagnosis of bowel aganglionosis as well as an accurate assessment of its proximal extent from the rectum (leveling). Whether the definite pull through procedure is single or multistaged with an initial colostomy, establishing the correct distal level of normally innervated bowel or 'leveling' is crucial. Although findings on the contrast enema and gross appearance at laparotomy may identify the transition zone, the final leveling is dictated by histological examination.

Normal innervation implies the normal distribution of the parasympathetic ganglion cells and nerve fibers in the different intramural bowel plexii. Although opinion differs across the Atlantic, acetylcholinesterase (AChE) histochemical staining of fresh frozen bowel biopsies is considered to be the most reliable method for accurate determination of these microscopic features. We have been using an intraoperative AChE staining routinely since a decade for confirmation of a diagnosis of HD on a rectal biopsy and for the subsequent 'leveling' at laparotomy. We have standardized and published modification of techniques that can be easily adopted in laboratories of developing countries.

A rapid intraoperative frozen section diagnosis of Hirschsprung's disease and allied disorders continues to be a problem for pathologists and paediatric surgeons in most centres in India where AChE histochemistry is not employed. This has hindered the rational progress of the management to a single stage surgical procedure, especially in neonates. This workshop aims to train teams of pathologists and paediatric surgeons from different centres in these aspects of diagnosis and treatment of Hirschsprung's Disease - classical and variants.

Programme Schedule

Day 1: 6 Feb, 2010

- 8:30 - 9:15 AM: Registration and Inauguration
9:15 - 9:30 AM: Introduction to workshop
9:30 -10:30 AM: Diagnostic armamentarium for HD and allied disorders

10:30 - 10.45 am :Tea

- 10.45-12.00 AM: Taking a rectal / colonic biopsy - The surgeon's perspective
12.00 -1.00 PM : Receiving a rectal/colonic biopsy - The pathologist's perspective.

1.00 - 1.30 pm :Lunch

- 1.30 - 5:00 PM : Frozen section - Routine (H & E)
AChE staining- conventional & rapid
Other staining methods (NADPH), special transport media

Day 2: 7 Feb, 2010

Case studies, practical issues and trouble shooters

- 9:00 - 11:00 AM: Low rectal biopsy
Transitional zone biopsy

11:00 - 11:30 am : Tea

- 11:30 -1:30 PM: Technical problems / Issues in AChE staining : handling, orientation, controls.
Special forms of aganglionosis coli:
Ultra short segment HD,
Long segment colonic HD

1:30 - 2.00 pm : Lunch

- 2:00 - 4.30 PM: Total colonic aganglionosis
Refractory constipation
Interpretation of the appendix in HD
Variant HD , IND,
Hyper and Hypoganglionosis
IHC in Hirschsprung's disease
4:30 5:00 PM: Post test & feed back session

Registration Information

Registration Fee :
Rs 1000 (per person)
or
Rs.1500 (per team)

DD to be drawn in favour of
“St. Johns Medical College, Bangalore”.
Receipts will be issued at the time of registration

Kindly post the registration form and DD to the address given below. A team should comprise a Pathologist and Paediatric Surgeon from the same institute / practicing together.

The last date of registration is 15th Jan 2010.
Registration forms to be mailed to :

Dr.Usha Kini

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OR

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Venue

Department of Pathology
Second Floor, St. John's Medical College