

Masterclass course in Transanal and Transrectal Ultrasonography (TRUS)

Place: House of Research, Department of Surgery A, OUH, Odense University Hospital, Svendborg, Baagøes Allé 15, entrance 39, 5700 Svendborg, DK

Time: 17th – 18th of November 2016

Local organizing committee:

Niels Buch, Physician, Department of Surgery, OUH

Thomas Kolbro, Staff Specialist, Department of Surgery, OUH

Issam Al-Najami, pH.d. student, Department of Surgery, OUH

Morten Kobæk-Larsen, Post.doc., Department of Surgery, OUH

Marianne Frederiksen, Research secretary, Department of Surgery, OUH

Tanja Sotiris Millinge, Research secretary, Department of Surgery, OUH

Central Organizing Committee:

Søren Rafaelsen, Physician, Department of Radiology, Vejle Hospital

Jo Waage, Staff Specialist, Department of Surgery, Hillerød Hospital

Neil Borley, Physician, Department of Surgery, Cheltenham hospital

Gunnar Baatrup, Professor, Department of Surgery, OUH

Kikke Hagen, Physician, Department of Surgery, Bispebjerg Hospital

Official Language:

English

Webpage:

<http://www.earlycolorectalcaner.com/>

Day 1 - House of Research, OUH, Svendborg Hospital

10.00 - 10.25 General introduction and breakfast - *Gunnar Baatrup*

10.25 - 12.00 Ultrasonography basics:

10.25 - 10.45 Practical introduction to ultrasound and ultrasound machines - *Søren Rafaelsen, BK Ultrasound.*

10.45 – 11.00 Saving examinations for MDT presentations - *Niels Buch*

11.00 – 12.00 Hands on practical use and Phantom Training

Five work stations:

1) 3D cases and diagnostic on own computer – *Kikke Hagen*

2) Basic knapology – *Søren Rafaelsen*

3) Different probes and equipment – *Pernille Ahnfeldt-Rønne*

4) Strain ratio elastography – *Jo Waage*

5) Different ways of saving images – *Niels Buch*

12.00 - 12.45 Lunch

12.45 - 14.30 Anal Ultrasonography:

12.45 – 13.15 TRUS: Anal anatomi - *Kikke Hagen*

13.15 – 14.15 TRUS: Diagnostic and treatment of analsepsis and fistulas – *Kikke Hagen*

14.15 - 14.30 Assessments of anal sphincter defects - *Jo Waage*

14.30 - 14.50 Coffee break

14.50 – 17.00 Rectal Ultrasonography:

14.50 - 15.10 The significant rectal neoplasm - *Neil Borley*

15.10 - 15.30 A systematic approach to assessment of rectal neoplasms, staging of pedunculated polyp - *Neil Borley*

15.30 - 16.00 T staging of rectal cancer - *Jo Waage*

16.00 - 16.10 Break

16.10 - 16.25 N staging of rectal cancer and post CRT re-staging - *Søren Rafaelsen*

16.25 - 16.40 European Guidelines - *Søren Rafaelsen*

16.40 – 17.00 Inter-observer variation MRI contra TRUS – any difference? *Søren Rafaelsen*

17.00 – 18.00 Hands on practical use and Phantom Training again

Five work stations:

- 1) 3D diagnostic on own computer – *Kikke Hagen*
- 2) Basic knapology – *Søren Rafaelsen*
- 3) Different probes and equipment – *Pernille Ahnfeldt-Rønne*
- 4) Strain ratio elastography – *Jo Waage*
- 5) Different ways of saving images – *Niels Buch*

18.00 - 18.30 Patient cases and discussion – rectal - *Jo Waage and Neil Borley*

19.30 - Dinner at Hotel Svendborg, Centrumpladsen 1, 5700 Svendborg

Day 2 - House of Research, OUH, Svendborg Hospital

09.00 - 12.00 Live demo and practical session – TRUS of rectal tumours (live demo)

Niels Buch, Niel Borley, Jo Waage, Søren Rafaelsen, Kikke Hagen

12.00 - 13.00 Lunch

13.00 - 14.00 New techniques:

13.00 - 13.15 Elastography staging rectal cancer - *Jo Waage*

13.15 - 13.30 Elastography assessment of CRT respons - *Søren Rafaelsen*

13.30 - 14.00 Input/suggestions from course participants - *Gunnar Baatrup*

14.00 - 14.45 Final exam and evaluation – Morten Kobæk-Larsen

The course is sponsored by The Danish Cancer Society and BK Ultrasound.