



2010

HANDS-ON WORKSHOP ON CT-COLONOGRAPHY (CTC)

12th ESGAR CT-Colonography Workshop (CTC)

April 21 – 23, 2010

Amsterdam, The Netherlands



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International faculty

D. Burling (Harrow/UK)
F. Caseiro-Alves (Coimbra/PT)
E. Dekker (Amsterdam/NL)
A. de Vries (Amsterdam/NL)
R. Ferrari (Latina/IT)
R. Frost (Salisbury/UK)
A. Graser (Munich/DE)
S. Gryspeerdt (Roeselare/BE)
S. Halligan (London/UK)
M. Hellström (Gothenburg/SE)
F. Iafrate (Rome/IT)
G. Iussich (Turin/IT)
C. Kay (Bradford/UK)
A. Laghi (Latina/IT)
P. Lefere (Roeselare/BE)
M. Liedenbaum (Amsterdam/NL)
T. Mang (Vienna/AT)
M. Morrin (Dublin/IE)
E. Neri (Pisa/IT)
D. Regge (Turin/IT)
P. Rogalla (Toronto/CA)
J. Stoker (Amsterdam/NL)

Tutors

T. Boellaard (Amsterdam/NL)
M. de Haan (Amsterdam/NL)
J. Florie (Amsterdam/NL)
S. Jensch (Amsterdam/NL)
Y. Nio (Amsterdam/NL)
I. Nobre (Lisbon/PT)
R. van Gelder (Amsterdam/NL)

Workshop venue

NH Grand Hotel Krasnapolsky
Dam 9
NL – 1012 JS Amsterdam /
THE NETHERLANDS

Workshop organiser

Prof. Jaap Stoker

Academic Medical Centre
Department of Radiology
Meibergdreef 9
NL – 1109 AZ Amsterdam /
THE NETHERLANDS

Organising secretariat

Central ESGAR Office

Neutorgasse 9
AT – 1010 Vienna, AUSTRIA
Phone: +43 1 535 89 27
Fax: +43 1 535 70 37
E-Mail: office@esgar.org
Website: www.esgar.org

Conference language

The meeting will be held in English.

Invitation

Dear Colleagues,

CT-Colonography has become widely accepted as method for examining the colon in both symptomatic patients and asymptomatic screenees. It has been demonstrated that sufficient expertise is necessary for high-quality CT-Colonography, both with respect to performing and reading CT-Colonography examinations. Therefore, starting in Amsterdam in 2003, ESGAR has organised a series of highly successful and hugely informative workshops which have succeeded in delivering the highest standard of training in CT-Colonography.

April 21 – 23, 2010 ESGAR revisits Amsterdam with the 12th ESGAR CT-Colonography Workshop. The internationally recognised ESGAR faculty will be present and share their large expertise and experience with the attendees. The successful programme of the previous ESGAR CT-Colonography workshops will be the core of the Amsterdam course, while some changes have been made to further increase interactive training. The venue for the workshop is in the heart of the city centre and is ideally situated for visiting the city prior to or after the workshop.

I hope that I can welcome you at the
12th ESGAR CT-Colonography Workshop in Amsterdam.



Jaap Stoker

Introduction

CT-Colonography (CTC) has been proven to be a viable alternative to double contrast barium enema and colonoscopy in symptomatic patients, accurate and with good acceptance. It is also considered to be a potential screening technique for colorectal cancer. At present CTC is being introduced in many institutions. Performance and especially the evaluation of CTC require specific knowledge and skills. In 2003, ESGAR introduced hands-on workshops on CTC.

The workshops are specifically aimed at providing practical skills and information; both for those considering starting CTC at their institution as well as for experienced individuals. These practical skills and information are provided in several formats: 'How I do it' presentations, presentations on new developments (bowel tagging, image processing), discussion sessions and hands-on training on workstations by international experts. Workstations of several vendors are available, giving the possibility to obtain experience with different workstations and software.

Learning objectives

- To recall the epidemiology of colorectal cancer.
- To learn the pros and cons of currently available diagnostic techniques for colorectal cancer.
- To describe the technique of state of the art CT-Colonography.
- To describe the role and technique of faecal tagging in Colonography.
- To define the role of CT-Colonography in diagnosing colorectal cancer.
- To learn the CT-Colonography characteristics of colorectal polyps and colorectal cancer.
- To learn the pitfalls in CT-Colonography.
- To describe the role of CT-Colonography versus MR Colonography.
- To describe the post processing techniques currently exploited in evaluation of CT-Colonography data with their pros and cons.
- To outline the future perspectives of CT-Colonography.
- To obtain hands-on experience in evaluating CT-Colonography studies, both without and with faecal tagging.
- To obtain hands-on experience with the use of several CT-Colonography evaluation techniques (two-dimensional, three-dimensional).
- To obtain hands-on experience with several types of workstations with dedicated software for evaluation of CT-Colonography studies.

Programme – Wednesday, April 21, 2010

12:45	Registration
13:40 – 13:45	Introduction to CTC workshop A. Laghi (Latina/IT)
13:45 – 15:15	Technical basis of CTC: Preparation, image acquisition, complications Chairman: J. Stoker (Amsterdam/NL)
13:45 – 14:15	Bowel preparation and faecal tagging P. Lefere (Roeselare/BE)
14:15 – 14:35	Practical issues (technique, insufflation) J. Stoker (Amsterdam/NL)
14:35 – 14:55	Image acquisition: technical parameters P. Rogalla (Toronto/CA)
14:55 – 15:15	Complications (perforation, cardiovascular effects) G. Iussich (Turin/IT)
15:15 – 15:45	Coffee break
15:45 – 17:45	2D – 3D First approach: face-to-face Chairman: A. de Vries (Amsterdam/NL)
15:45 – 16:05	Basic reading technique, primary 2D and 3D C. Kay (Bradford/UK)
16:05 – 16:25	Pitfalls in interpreting CTC S. Gryspeerdt (Roeselare/BE)
16:25 – 16:45	How to set up a CTC service D. Burling (Harrow/UK)
16:45 – 17:05	How to report CTC E. Neri (Pisa/IT)
17:05 – 17:45	Panel discussion: Q&A Moderator: A. Laghi (Latina/IT) Panellists: all speakers of previous two sessions
17:45 – 18:00	Coffee break
18:00 – 19:00	Familiarisation with the different workstations available for the hands-on sessions – Vendor Rotation Moderator: M. Liedenbaum (Amsterdam/NL)

Programme – Thursday, April 22, 2010

08:30 – 09:30 **Interactive Teaching**

- 08:30 – 08:45 Teaching on workstation – normal anatomy
M. Morrin (Dublin/IE)
- 08:45 – 09:00 Teaching on workstation – cancer
F. Iafrate (Latina/IT)
- 09:00 – 09:30 Teaching on workstation – polyps and pitfalls
A. Graser (Munich/DE)
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09:30 – 10:30 **Cancer cases**

- 09:30 – 10:15 Cancer cases for review
Participants to review specific cases
- 10:15 – 10:30 Case review and discussion
R. Ferrari (Latina/IT)
-

10:30 – 11:00 **Coffee break**

11:00 – 12:00 **Polyp cases**

- 11:00 – 11:45 Polyp cases for review
Participants to review specific cases
- 11:45 – 12:00 Case review and discussion
F. Caseiro-Alves (Coimbra/PT)
-

12:00 – 13:00 **Difficult cases 1**

- 12:00 – 12:45 Difficult cases for review
Participants to review specific cases
- 12:45 – 13:00 Case review and discussion
T. Mang (Vienna/AT)
-

13:00 – 14:00 **Lunch**

Programme – Thursday, April 22, 2010

14:00 – 15:00

CAD

Moderator: S. Halligan (London/UK)

The role of CAD (14:00 – 14:20)

D. Regge (Turin/IT)

How to manage a case with CAD – case review with CAD (14:20 – 14:40)

S. Halligan (London/UK)

Panel discussion: CAD (14:40 – 15:00)

15:00 – 16:00

Workstations face-to-face

Moderation: A. de Vries (Amsterdam/NL)

16:00 – 17:00

Difficult cases 2

16:00 – 16:45

Difficult cases for review

Participants to review specific cases

16:45 – 17:00

Case review and discussion

M. Liedenbaum (Amsterdam/NL)

17:00 – 17:30

Coffee break

17:30 – 18:30

Difficult cases – ICV

17:30 – 18:15

Difficult cases for review

Participants to review specific cases

18:15 – 18:30

Case review and discussion

P. Rogalla (Toronto/CA)

Programme – Friday, April 23, 2010

- 08:30 – 10:30** **Facts and controversies**
Moderator: R. Frost (Salisbury/UK)
- 08:30 – 08:50 Study results and indications
A. Laghi (Latina/IT)
- 08:50 – 09:10 Extra-colonic findings
M. Hellström (Gothenburg/SE)
- 09:10 – 09:30 Polyps and Colorectal Cancer (Gastroenterologist's view)
E. Dekker (Amsterdam/NL)
- 09:30 – 10:30 **Round Table: Hot topics in colorectal cancer: multidisciplinary discussion**
Moderator: J. Stoker (Amsterdam/NL), R. Frost (Salisbury/UK)

Panellists: E. Dekker, S. Halligan, M. Hellström, A. Laghi, P. Lefere, D. Regge, P. Rogalla
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- 10:30 – 11:00** **Coffee break**
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- 11:00 – 12:00** **“Blind” cases**
- 11:00 – 11:45 “Blind” cases for review
Participants to review specific cases
- 11:45 – 12:00 Case review and discussion
A. de Vries (Amsterdam/NL)
-
- 12:00 – 12:45** **Unusual cases from the experts**
Moderator: J. Stoker (Amsterdam/NL)
- 12:45 – 13:00 Questions and answers and closing remarks
J. Stoker (Amsterdam/NL)

Registration

Registration Fees:

Radiologists, Physicians

ESGAR Members	€ 590.00
Non Members	€ 750.00

Radiologists in Training (Residents)

ESGAR Members	€ 350.00
Non Members	€ 400.00

Radiographers

€ 400.00

Commercial/Industry employees

(Sponsoring companies only)

Corporate Members	€ 590.00
Non Members	€ 750.00

Registration fee includes:

- access to lectures and hands-on training
- final programme/syllabus
- coffee breaks
- lunches or lunchbox
- certificate of attendance
- E-Learning tool

Please register on-line via the ESGAR website www.esgar.org.

The number of participants per workshop is limited and registrations will be accepted on a first come first served basis. Together with the registration payment is necessary. Registrations as Radiologist in training (Resident) or Radiographer must be accompanied by a confirmation of the head of the department confirming the status as Resident or Radiographer.

Deadline / Cancellation policies:

Registrations must be received by the Central ESGAR Office by March 15, 2010. In case the minimum number of participants has not been reached by this time, the organiser reserves the right to cancel the workshop. In case the workshop is cancelled by the organiser, registration fees will be refunded in full. In case of cancellation by the participant before March 15, 2010 the registration fee less 10% administration fee will be refunded. In case of cancellation by the participant after March 15, 2010 no refund can be made unless places can be sold otherwise. All refunds will be made after the workshop.

Accreditation

ESGAR, the European Society of Gastrointestinal and Abdominal Radiology is accredited by the European Accreditation Council for Continuing Medical Education (EACCME).

The EACCME is an institution of the European Union of Medical Specialists (UEMS). The number of CME credits awarded to the 12th Hands-on Workshop on CT-Colonography is pending and will be announced on the ESGAR website.

Dutch Accreditation

De “ESGAR CT-Colonography Workshop” 21 – 23 april 2010 te Amsterdam is door de NVvR geaccrediteerd voor 16,5 punten (radiologische BNS) in het kader van de herregistratie van radiologen.

Accommodation

Special room rates at the workshop hotel “Krasnapolsky” are available for participants of the CTC workshop.

Daily room rate (including VAT)

Standard room: € 179.00

For room reservation please visit the ESGAR website for further information.

Please book early in order to ensure availability.

General information

Amsterdam is the capital city of the Netherlands, located in the south of the province North Holland. The city was founded in the late 12th century as a small fishing village at the mouth of the river Amstel. The historical centre with its concentric canals was largely built during the Dutch Golden Age in the 17th century when Amsterdam was the centre of world economy. Nowadays the city is known for its tolerant character.

Amsterdam figures:

Population: 751,000

Country: The Netherlands

Time Zone: GMT/UTC +1

Telephone area code: 020

HOW TO GET THERE

By plane

Amsterdam Schiphol Airport is situated 15 km south-west of the city. A Direct Rail Link connects Schiphol International Airport to Amsterdam central station and is the fastest and most convenient way to get to the city center. Trains run every 10 minutes (airport train schedule) from platforms 1 and 2 in the main arrival plaza and cost just € 3.60 for a single journey. Taxis from Schiphol to the centre of Amsterdam are expensive!

When leaving Amsterdam, give yourself enough time to get to your plane and through security!

By train

Amsterdam is served by eight stations of the Dutch Railways. Five are intercity stops: Amsterdam Sloterdijk, Amsterdam Amstel, Amsterdam Zuid, Amsterdam Bijlmer/Arena and Amsterdam Centraal. Amsterdam Centraal is an international train station. From the station there are regular services with destinations in Belgium, France, Germany, and Switzerland. There are 4 to 5 trains per hour between Schiphol and Amsterdam in peak times.

Public Transport

Public transport in Amsterdam, operated by Gemeentelijk Vervoerbedrijf (www.gvb.nl), Connexxion, Arriva and Nederlandse Spoorwegen, consists of numerous bus, metro and tram lines.

Taxis

Taxis in Amsterdam are plentiful but expensive. Some drivers, particularly at Centraal Station, will refuse short trips, or else they'll quote outrageously high fares, even though all taxis are metered. For reference, no trip within the historic centre should cost more than approximately €10. You should try to avoid taxis that are fitted with luxury items such as LCD screens as these are often twice as expensive as those which are not.

All legal taxis have blue number-plates.

There are official taxi stands at Schiphol Airport as well as throughout the city at stations such as Central Station and the

Dam. Taxis can also be hailed on the street, although there are several no stopping zones. Further, you may call a taxi to pick you up.

Currency

The official currency in The Netherlands is EUR (€).

Climate in the Netherlands

There are rarely extreme temperatures. The air is relatively humid and fog is common in autumn and spring.

Entertainment and culture

Amsterdam offers a diverse array of world-class entertainment, as for centuries has been one of the leading centers of culture in Europe. A variety of performances is staged in hundreds of venues throughout the city. There is also plenty of special performances, festivals, cultural events. A multitude of street performers and live bands in bars and cafes completes this rich scene.

Amsterdam's canals

The number of canals have led Amsterdam to become known as “The Venice of the North”. And thus, a trip to Amsterdam is not complete without a boat cruise. A canal tour can be both fascinating and relaxing by day and enchanting and romantic at night when many of the houses and bridges are illuminated.

Architecture

Amsterdam is where modern architecture developed organically between facades of historical buildings. Since it is not a big city, all sites of interest are within an acceptable distance. This is why Amsterdam is so popular with lovers of architecture.

Dam square

The Dam, where the workshop hotel is located, is the very centre and heart of Amsterdam. As an historical site, it is fascinating and worth taking the time to appreciate. The Dam has seen many historical dramas unfold over the years, and was for example, the reception area for Napoleon and his troops during the 1808 take-over of the city.

Music

Amsterdam with one of the best symphonic orchestras in the world – the Concertgebouw Orchestra, and an opera with a rich tradition, is bursting with live music, in many concert halls, clubs and jazz cafes.

General information

Museums

Museums are the main tourist attraction in Amsterdam. Everyone knows the Rijksmuseum, Van Gogh Museum and Stedelijk Museum, but there is much, much more. Amsterdam has over fifty museums which attract many millions of visitors every year.

Theatres

Amsterdam, being an important theatre city has each evening a variety of spectacles to offer. You can also find quality, English-language theatre in Amsterdam.

Shopping

The main central shopping streets run in a line from near Central Station to the Leidseplein: Nieuwendijk, Kalverstraat, Heiligeweg, Leidsestraat. The emphasis is on clothes/fashion, but there are plenty of other shops.

Little shops are located in the side streets of the main canals (Prinsengracht/Keizersgracht /Herengracht) and especially in the Jordaan – bounded by Prinsengracht, Elandsgracht, Marnixstraat and Brouwersgracht.

Tourist Office

There are four tourist offices in Amsterdam:

- Opposite the Central Station
A notable building marked “Tourist Info and Tickets” right to be seen when you exit the Central Station in the city direction.
- Inside Central Station
Upstairs from the main station hall to platform 2b.
- Leidseplein
Just off the square: corner Leidseplein and Leidsestraat.
- Amsterdam Airport Schiphol
Holland Tourist Information at Arrivals 2 section



Please take note of future ESGAR activities

ANNUAL MEETINGS

ESGAR 2010

21st Annual Meeting and Postgraduate Course
Dresden, Germany / June 2 – 5
Meeting President: M. Laniado

ESGAR 2011

22nd Annual Meeting and Postgraduate Course
Venice, Italy / May 21 – 24
Meeting President: G. Morana

CT-COLONOGRAPHY WORKSHOPS 2010

13th ESGAR Hands-on Workshop on CT-Colonography

Lisbon, Portugal (Cascais) / September 23 – 25, 2010
Workshop organiser: F. Caseiro-Alves

14th ESGAR Hands-on Workshop on CT-Colonography

Gothenburg, Sweden / April 13 – 15, 2011
Workshop organiser: M. Hellström

GE Doctor to Doctor Training on CT-Colonography

“Getting started with CTC” – Buc, France / February 18 – 19, 2010; Meeting language: English
“Advanced Course” – Buc, France / May 6 – 7, 2010; Meeting language: French
“Getting started with CTC” – Buc, France / October, 2010; Meeting language: French

Further information is available on the ESGAR website www.esgar.org



Organising Secretariat

Central ESGAR Office
Neutorgasse 9
AT – 1010 Vienna, Austria

Phone: +43 1 535 89 27
Fax: +43 1 535 70 37
E-Mail: office@esgar.org

www.esgar.org