



Course

Training in optical diagnosis of early colorectal cancer. Practical knowledge

Work plan



Index

Presentation.....	3
Executive board and Faculty	4
Objectives	6
General objectives	6
Modules objectives	6
Module 1. Sharing knowledge I.....	6
Module 2. Sharing knowledge II	6
Module 3. Training in clinical practice	6
Content	7
Before you start	7
Module 1. Sharing knowledge I.....	7
Module 2. Sharing knowledge II	8
Module 3. Training in clinical practice	9
Calendar	10
Certification	11
References.....	11



Presentation

Training in optical diagnosis of early colorectal cancer (TOD early CRC) is a training platform created by the [Althaia GOES research group](#), with the collaboration of world-leading endoscopists.

Scientific evidence of optical diagnosis with zoom or magnification in Japanese reference centres has shown high effectiveness in predicting the histology and, therefore, selecting the indication for advanced endoscopy treatments (such as submucosal endoscopic dissection, piecemeal, endoscopic mucosal resection) and surgery.

TOD early CRC aims to improve optical diagnosis of early colorectal cancer and estimate the histology in lesions found during a colonoscopy so that, based on the colonoscopy report, the endoscopist and a multidisciplinary committee may make a treatment decision considering other patient-related and local factors.

The content of the platform is aligned with the recommendations of international guidelines such as ESGE, ASGE, and JGES. This might help homogenise and centralise advanced procedures to offer optimal treatment to each patient.

TOD early CRC. Practical knowledge complements **TOD early CRC. What you need to know**. The course comprises three online meetings with an endoscopist of the course Faculty: Sharing knowledge I, Sharing knowledge II and Training in clinical practice. Examples of each meeting with the most representative discussions are displayed in the course. Besides, participants can choose a date to participate in stream meetings in small groups and clarify any doubts.

Please, read the Work plan below to get familiar with the programme.

I hope you enjoy the course!

Ignasi Puig
Director
TOD early CRC



Executive board and Faculty

Executive board

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Objectives

General objectives

As all the courses and activities of the **TOD early CRC platform**, this programme aims to improve optical diagnosis of early colorectal cancer and estimate the histology of colorectal lesions so that, based on the colonoscopy report, the endoscopist and a multidisciplinary committee may make a treatment decision considering other patient-related and local factors. More specifically, **TOD early CRC. Practical knowledge** aims to complement **TOD early CRC. What you need to know** by means of online meetings in small groups with an endoscopist of the course Faculty to clarify doubts and highlight the key points (Sharing knowledge I and II) and one-to-one sessions to discuss findings of colorectal lesions found in the participant's clinical practice (Training in clinical practice).

Modules objectives

Module 1. Sharing knowledge I

Clarify doubts and stress key points of Modules 1-to-5 of the course **TOD early CRC. What you need to know:**

1. Decision-making in the treatment of colorectal polyps. Is there room for improvement?
2. Understanding the pathologist's perspective
3. Image-enhanced endoscopy
4. Assessment with white-light imaging
5. Dye-based chromoendoscopy with indigo carmine

Module 2. Sharing knowledge II

Clarify doubts and stress key points for Modules 6-to-10 of the **TOD early CRC** course. **What you need to know:**

6. Virtual chromoendoscopy without magnifying endoscopy
7. Virtual chromoendoscopy with magnifying endoscopy
8. Dye-based chromoendoscopy with crystal violet and magnifying endoscopy
9. Special cases and limitations
10. Summary of invasive pattern

Module 3. Training in clinical practice

Clarify doubts, stress key points and discuss main difficulties in implementing optical diagnosis in 3 lesions found in clinical practice after having received all the theoretical knowledge in a previous course.



Content

The following information is given in the headings of the platform:

- **Announcements.** This is the way the Faculty will announce any new information.
- **Work plan.**
- **Book your date for Sharing knowledge I: Live streaming meeting.**
- **Book your date for Sharing knowledge II: Live streaming meeting.**
- **Book your date for Training in clinical practice: Live streaming meeting.**
- **Key steps in the optical diagnosis of early colorectal cancer.** A useful Figure that shows 5 key steps in the evaluation of lesions.
- **Reminder on Responsibility acceptance agreement.**

Before you start

This section contains:

- **Responsibility acceptance agreement.** A declaration stating any decisions the participants might take during or after taking this course are their own responsibility. This is a requirement for the course to be displayed.
- **Work plan.**
- **Summaries of the course TOD early CRC. What you need to know.** In this section, the same summaries of Modules 1-to-10 of the course **TOD early CRC. What you need to know** are displayed.

Module 1. Sharing knowledge I

Covers doubts and key points of Modules 1-to-5 of the **TOD early CRC course. What you need to know**. The topics of the above mentioned modules are:

1. Decision-making in the treatment of colorectal polyps. Is there room for improvement?
2. Understanding the pathologist's perspective
3. Image-enhanced endoscopy
4. Assessment with white-light imaging
5. Dye-based chromoendoscopy with indigo carmine

Before taking this module, it is strongly recommended to finish Module 5 of the **TOD early CRC course. What you need to know**.

Recorded videos

This section contains the video of one meeting with representative discussion.



Book your date for Sharing knowledge I: Live streaming meeting

A meeting with up to 9-11 participants and an endoscopist of the course Faculty is held to clarify doubts and highlight the key points.

Sharing knowledge I: Live streaming meeting is a link to a calendar of available meetings where date, time, and languages (English or Spanish) can be chosen.

Sharing knowledge I is generally held on the first Friday and Saturday of each month at 4 PM Central European Time, subject to availability*.

* Registration closes when places run out or 10 days before the meeting.

* Reservation can be cancelled at least 10 days before the meeting.

Participants will receive meeting details by email after registration is completed, 7 days and 2 days before the meeting.

Test your knowledge

A short multiple-choice test is displayed. All answers must be correct to move forward to the following module (multiple attempts are allowed).

Module 2. Sharing knowledge II

Covers doubts and key points of Modules 5-to-10 of the **course TOD early CRC. What you need to know**. The topics of the above-mentioned modules are:

6. Virtual chromoendoscopy without magnifying endoscopy
7. Virtual chromoendoscopy with magnifying endoscopy
8. Dye-based chromoendoscopy with crystal violet and magnifying endoscopy
9. Special cases and limitations
10. Summary of invasive pattern

Before taking this module, it is strongly recommended to finish Module 10 of the course **TOD early CRC. What you need to know**.

Recorded videos

This section contains the video of one meeting with representative discussion.

Book your date for Sharing knowledge II: Live streaming meeting

A meeting with up to 9-11 participants and an endoscopist of the course Faculty is held to clarify doubts and highlight the key points.

Sharing knowledge II: Live streaming meeting is a link to a calendar of available meetings where date, time, and languages (English or Spanish) can be chosen.



Sharing knowledge II is generally held on the third Friday and Saturday of each month at 4 PM Central European Time, subject to availability*.

* Registration closes when places run out or 10 days before the meeting.

* Reservation can be cancelled at least 10 days before the meeting.

Participants will receive meeting details by email after registration is completed, 7 days and 2 days before the meeting.

Test your knowledge

A short multiple-choice test is displayed. All answers must be correct in order to move forward to the following module (multiple attempts are allowed).

Module 3. Training in clinical practice

In this module, participants clarify doubts, stress key points and discuss main difficulties in implementing optical diagnosis in clinical practice after having received all the theoretical knowledge in a previous course.

Evaluation of the lesion is discussed in a 30-minute one-to-one meeting with an endoscopist of the course Faculty.

Recorded videos

This section contains the videos of two meetings with representative discussions.

Lesions assessment

Participants upload **pictures or a video of 3 lesions** (Lesion 1, Lesion 2 and Lesion 3). For each lesion, the participant writes the lesion description and recommended treatment as if it were a colonoscopy report, so the images and description can be discussed in a committee or another GI consultant can explain the plan to the patient. The participant can recommend more than one option to be discussed.

It is strongly recommend ensuring that your Endoscopy Unit is equipped with catheter spray, mucolytic like Pronase (only available in limited countries like Japan) or N-acetylcysteine 10% and indigo carmine 0.4%. If you have magnifying endoscopy or dual focus, please try to get crystal violet (= gentian violet) 0.05%. Please get in touch with the Pharmacy department to obtain them before you start the modules so they are available in the Training in clinical practice phase. If you do not know the preparation protocol, provide them with the name of a hospital in your country where you know it is available. They will then be able to obtain the preparation protocol.

Book your date for Training in clinical practice: Live streaming meeting

A meeting with an endoscopist of the course Faculty is organized to clarify doubts and highlight the key points on Lesion 1, Lesion 2 and Lesion 3. The participant can invite



an additional endoscopist to the meeting (participating or not in the course) to feel more comfortable or enrich the discussion (optional).

Training in clinical practice: Live streaming meeting is a link to a calendar of available meetings where date, time, and languages (English, Spanish, Portuguese or Japanese) can be chosen.

* Registration closes when places run out or 10 days before the meeting.

* Reservation can be cancelled at least 10 days before the meeting.

Participants will receive meeting details by email after registration is completed, 7 days and 2 days before the meeting.

Test your knowledge

A short multiple-choice test is displayed. All answers must be correct in order to move forward to the following Module (multiple attempts are allowed).

Calendar

This course has an estimated duration of 10 hours. User access to the content will expire 6 months after the subscription. Below is a time estimation for each module, to help participants follow their own pace of work.

Section	Minutes
Before you start	60
Sharing knowledge I	175
Sharing knowledge II	175
Training in clinical practice	280

It is strongly recommended:

- To finish **What you need to know** modules 1 to 5 before attending Sharing knowledge I.
- To finish **What you need to know** modules 6 to 10 before attending Sharing knowledge II.
- To finish modules **What you need to know** 1 to 10 and Sharing knowledge I and II before attending Training in clinical practice.



Certification

The section contains:

- **Global feedback.** A questionnaire to provide course organisation with your feedback.
- **Certificate.** It will be available for those participants who have answered correctly 100% of the Test your knowledge questions at the end of each module (multiple attempts are allowed). This course is endorsed by Asociación Española de Gastroenterología (AEG) and Sociedad Española de Endoscopia Digestiva (SEED).

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