



the OESO arm for
continuing medical
education

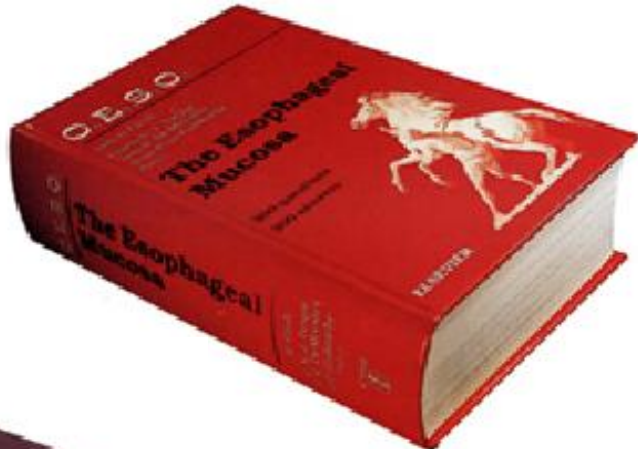
**OESO knowledge Interactive Information
System: Exclusive documents
now just a mouse click away**



Scanned



magis: sic sub iugo serui dñi os
suos quā ipiore dignos arbi-
trantur: ne nomē dñi ⁊ doctrina blasphemetur.
Qui autē fideles habent dños
nō detrahāt quia fides sūt: sed magis
seruiāt q̄a fideles sūt ⁊ dilecti: q̄a bene-
ficij participes sunt hęc docere ⁊ regere.
Si q̄a aliter docer: ⁊ nō acquiescat sa-



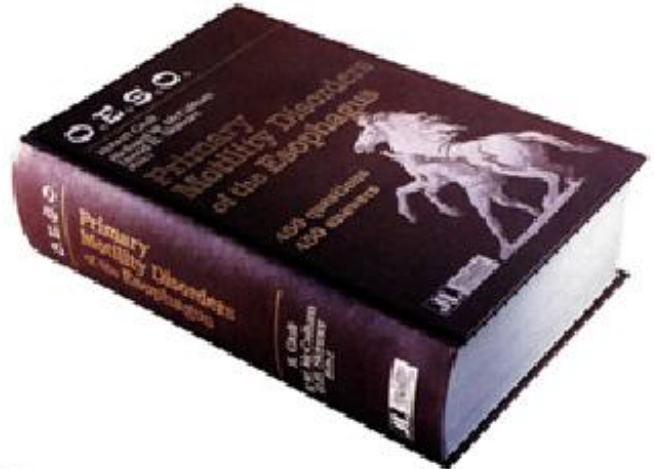
ioribus nouissimis ⁊ de sua
abē a roma. Exhuc argu-
mat ep̄la cetera ad thymō-

Nihilus ap̄stolus hęc
ihesu celsi p̄ uolūta-
tem dei scdm̄ promissi-
onem uite q̄e in ci-
elo ihesu ih̄m̄o q̄o
carissimo filio: gra-

Nia ⁊ misericordia ⁊ pax a deo patre n̄ro et
cristo ihesu dño n̄ro. Fratrias agro de-
o meo cui seruiō a progenitoribus meīs
in sciētia pura: q̄ sine remissione
habeam cui memoriā in orationibus
meis nocte ac die desiderans te uidere
memor: lacrimas tuas ut gaudia im-
plear. Recordans q̄ne accipēs r̄o fidei
quē ē in te non ficta q̄ te habitauit pri-
mū in amia tua lorde ⁊ m̄re tua curā-
te. Latus hū autē q̄ ex in te p̄p̄t quā
causam amorem te ut resisteres grati-
am dei q̄ est in te p̄t impositiōne ma-
nū meay. Nō enim dedit nobis de-

creata a terra inuenta
gūt homines i inētū
dix enī oīū maloy est
q̄dā appetentes errane
uēūt se doloribus misis.
dei hęc fuge. Sedare re-
itē. fidē. caritatē. patien-
tiam. Terra bonū terra
ā creatū: i quā uocat
ā d̄flectionē corā misis
o tibi corā deo q̄ uinū
ihesu q̄ est in omniū red-
didit sub p̄oio p̄lato bonam d̄flectio-
nem: ut serues m̄adātū sine macia ic-
rep̄hensibile usq̄ i ad uentū dñi nō sūt
ihesu celsi: quē suis n̄p̄ocibus ostendit
beat⁹ ⁊ solus potēs rex regū ⁊ d̄m̄n⁹

Quod cū a
presidiū. P
diffusi sunt
suluic dauū



Q D A



4,847 pages, 1,891 illustrations + videos now just a mouse click away

o(es) Knowledge

[Statutes](#)

[Sequential Implementation](#)

[Contacts](#)



8th World Congress (September 3-6, 2006)

o(es) Knowledge
Interactive
Information System

Select one book below or search the 4 books at the same time



Free extracts accessible for all.
Full text articles only for OESO' members.

Out of the six books published by OESO, four of them,

4'847 pages, 1'420 questions/answers, 1'154 authors, 1'891 illustrations & Videos,
make up, for the moment, the unequalled, electronic database of the OESO Foundation.

Primary Motility
Disorders of the
Esophagus

The Esophageal
Mucosa

The
Esophagogastric
Junction

Barrett's
Esophagus

Search by words

Submit Clear

Browse by Author

Browse by Movies

UNESCO Chair

o(es) Knowledge
8th World Congress

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From OESO printed texts to Internet: many new possibilities

- Browse by book, by chapter, or by question
- Interconnection among all four OESO books
- Search full text, or by key words
- Browse through the authors from list, from text or from references
- Innovative illustration of questions by excerpts from the OESO Foundation video conferences
- Spoken reading of the texts
- Original system for updating ...

Browse by book, by chapter

The screenshot displays the website interface for 'o(eso) Knowledge'. At the top, there are navigation tabs for 'Statutes', 'Sequential Implementation', and 'Contacts'. On the left sidebar, there are menu items for 'Primary Motility Disorders of the Esophagus', 'The Esophageal Mucosa', 'The Esophagogastric Junction', and 'Barrett's Esophagus'. A search bar with 'Submit' and 'Clear' buttons is also present. The main content area features a book cover for 'The Esophagogastric Junction' and a summary box containing the title, number of questions (420) and answers (420), and the editor's name (Robert Giuli). Below this is a list of chapters with radio buttons for selection. Two orange boxes with arrows highlight the 'By book' and 'By chapter' navigation paths.

By book

By chapter

o(eso) Knowledge

[Statutes](#) | [Sequential Implementation](#) | [Contacts](#)

Primary Motility Disorders of the Esophagus

The Esophageal Mucosa

The Esophagogastric Junction

Barrett's Esophagus

Search by words

Submit Clear

Browse by Author

Browse by Movies

UNESCO Chair

o(eso) 18th World Congress

The Esophagogastric Junction

420 questions
420 answers

Robert Giuli

Paul Galante, Glyn G. Jamieson, Carmelo Scarpignato, (Eds.)

- Anatomy-physiology
- Physio-pharmacology
- Pressure measurements
- pH-measurements
- ph-manometry
- GER and barrier dysfunction
- GER and gastric motility factors
- EGJ and GER disease
- Particular problems in medical therapy
- Surgical treatments**
- Esophageal columnar metaplasia (Barrett's esophagus)
- Esophageal rings
- Esophageal perforations at the EGJ

Introduction


Contributors

Chapters

Selection of an author (from list, text, or references)

o(eso
Knowledge

[Statutes](#) [Sequential Implementation](#) [Contacts](#)


[Browse by authors](#)

M
MacKay - Maffetone - **Maffetone** - Maguire - Mahy - Majewicz - **Malafaia** - **Malagelada** - **Malikova** - Mancini - **Mangel** - **Marcinkiewicz** - **Marcon** - Maresca - Marino - Marioni - Maroske - Marples - Marshall - Martella - **Martin** - Martinez Paredes - **Martinez de Haro** - **Martinez de Haro** - **Marzio** - Mascarenhas - Masclee - **Mason** - Maspoli - **Mathonnet** - Matsuda - **Mattioli** - **Maurage** - **Mayoral** - **McCallum** - **Meadows** - **Mearin** - **Mebis** - Melloni - **Menguy** - Meniconi - **Menke-Pluyers** - Mercati - **Metman** - **Meunier** - Meysen - **Mignion** - Mignon - Milani - **Miller** - **Mills** - **Misiuna** - Mitsunaga - **Mittal** - **Mizumoto** - Modler - **Moghissi** - Molena - Molina - Moll - **Monnier** - **Montgomery** - Mora - **Moraldi** - Moreno - **Morgan** - Morino and GOSPE - **Morris** - Mountford - **Mueller** - Mugione - **Mulder** - **Munitiz** - **Munro** - Murakami - **Murata** - Murdoch - Musil - **Myers** - Mössner -

N
Nabeya - Nagai - Nakamura - Namiot - Napolitano - Nasi - Navarro - Neeman - Negri - **Nehra** - Niemantsverdriet - Niewiera - Norbasch - Nosadini - **Nostrant** - Nunn - Nutzmann - Nuzzo - **Ny** - **Nygaard** - Nyhus -

O
O'Brien - O'Connell - O'Hanrahan - **O'Sullivan** - **Obertop** - **Odze** - Offerhaus - Ogma - Ohshima - Ohta - Ohyanagi - **Olbe** - Oliveira - **Ollyo** - **On** - Ong - Ophoff - **Orenstein** - Orio - **Orlando** - **Orr** - **Orringer** - Orsini - Ortego - Ortiz - **Ott** - Otte - **Overholt** - Owen - **O'Sullivan** -

P
Pace - Paganella - Paico - Palot - **Panjehpour** - Paoletti - Papi - **Pappalardo** - **Pare** - **Parekh** - **Paris** - **Parrilla** - Parry - **Pasricha** - Pastina - **Patel** - **Paterson** - **Patti** - **Payne** - **Pedersen** - Peel - **Peeters** - **Pelemans** - **Pellegrini** - Pelosini - **Penagini** - **Pera** - **Peracchia** - **Perdikis** - **Perniceni** - Perrault - **Peters** - Pezet - Ph Hauters - Phillips - Piasclk - Picasso - Picchio - Picon - **Pinotti** - Piretta - Pitasi - Plet - Polkowski - Poloma - Ponce - Ponette - Pons - Ponschek - **Pope** - **Pope II** - **Poplawski** - Portale - **Porter** - Porziella - **Potet** - **Pouderoux** - Prada - Prasad - Prendergast - Prieto - **Pring** - Profanter - **Provenzale** - Pucciani - Pérez - **Pérez de la Serna** -

Q
Qualman - Quigley -

R
R.H Riddell - **Ramel** - Rantanen - Rao - Rau - Ravich - **Reed** - Reggio - Rehak - **Renkes** - Renzi - Reusch - **Rey** - Reynolds - **Ribet** - **Ricci** - Rich - **Richter** - **Riddell** - Rifley - Risk - **Robaszkiwicz** - **Robinson** - Rolland - **Romagnoli** - Ropert - Ros - **Rose** - **Roth** - Rourk - **Rouëssé** - **Roviaro** - Roy - **Roze** - Rozen - Rozenblum - Ruiz de León - Ruol - **Russel** - **Russell** - **Ruszniewski** - **Ruth** - Rämö -

S
Saidi - **Salducci** - Salis - **Salky** - Sallum - Salminen - **Salo** - **Sampliner** - **Sarosiek** - **Sarrazin** - **Sataloff** - **Savarino** - Savary - Scalia - Scarpignato - **Schapiro** - **Schenk** - **Schilling** - **Schneider** - **Schnell** - **Schoeman** - Schott - Schroder - **Schrump** - Schröder - Schubert

Primary Motility Disorders of the Esophagus


The Esophageal Mucosa


The Esophagogastric Junction

Barrett's Esophagus

Search by words

Submit Clear

 [Browse by Author](#)

 [Browse by Movies](#)

UNESCO Chair

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Initial search in all four books

The screenshot displays the OESO Knowledge search interface. The top navigation bar includes links for **Statutes**, **Sequential Implementation**, and **Contacts**. The main search area shows the query: "Your request: **barrett**₍₅₈₅₎ And **ulcer**₍₁₇₄₎" with a text input field containing "barrett ulcer" and a "Submit" button. Below the search bar, it indicates "Total: 119" results. To the right, there are dropdown menus for selecting volume and chapter from four books: **The Esophageal Mucosa**, **Primary Motility Disorders of the Esophagus**, **The Esophagogastric Junction**, and **Barrett's Esophagus**. The search results section shows "Results 1 to 10 of about 119".

The left sidebar contains a list of books with icons: **Primary Motility Disorders of the Esophagus**, **The Esophageal Mucosa**, **The Esophagogastric Junction**, and **Barrett's Esophagus**. Below this is a "Search by words" section with a magnifying glass icon and a text input field containing "Barett ulcer", with "Submit" and "Clear" buttons. Further down are "Browse by Author" and "Browse by Movies" options, and a "UNESCO Chair" button. The bottom of the sidebar features the OESO logo and "8th World Congress" text, along with the copyright notice "OESO©2006".

The search results list includes:

- The Esophageal Mucosa / Ulcers in CLE**
Is Helicobacter pylori involved in the pathogenesis of the Barrett type ulcer?
E. Brossard (Lausanne) [Full Article](#) (members only) Keywords: [v]
- The Esophageal Mucosa / Ulcers in CLE**
What is termed a Savary's ulcer? How does the evolution of a typical Barrett's ulcer differ from that of a Savary's ulcer?
E. Brossard, J.B. Ollyo, C. Fontolliet, M. Savary, P. Monnier (Lausanne) [Full Article](#) (members only) Keywords: [v]
- The Esophagogastric Junction / Esophageal columnar metaplasia (Barrett s esophagus)**
What are the results of photodynamic therapy for Barrett's esophagus?
B.F. Overholt, M. Panjehpour (Knoxville) [Full Article](#) (members only) Keywords: [v]

Further search in one of the books

The screenshot displays the OESO Knowledge database search interface. At the top, there are navigation tabs for "Statutes", "Sequential Implementation", and "Contacts". The main search area shows a query: "Your request: **barrett**₍₅₈₅₎ And **ulcer**₍₁₇₄₎" with a search box containing "barrett ulcer" and a "Submit" button. Below the search box, it indicates "Total: 119".

On the right side, there is a "Selection of volume and chapter" section with several dropdown menus. The "Barrett's Esophagus:" dropdown is highlighted with an orange circle, and its dropdown menu is open, showing a list of chapters. The "Diagnosis" chapter is also highlighted with an orange circle.

The search results list includes:

- The Esophageal Mucosa / Ulcers in CLE**
Is *Helicobacter pylori* involved in the pathogenesis of Barrett's esophagus?
E. Brossard (Lausanne) [Full Article](#) (members only)
- The Esophageal Mucosa / Ulcers in CLE**
What is termed a Savary's ulcer? How does it differ from Barrett's esophagus?
E. Brossard, J.B. Ollyo, C. Fontolliet, M. Savary, P. Monod
- The Esophagogastric Junction / Esophageal columnar metaplasia (Barrett's esophagus)**
What are the results of photodynamic therapy for Barrett's esophagus?
B.F. Overholt, M. Panjehpour (Knoxville) [Full Article](#) (members only)

On the left side, there is a sidebar with navigation options: "Primary Motility Disorders of the Esophagus", "The Esophageal Mucosa", "The Esophagogastric Junction", and "Barrett's Esophagus". Below these are search filters: "Search by words" with a search box and "Submit" and "Clear" buttons, "Browse by Author", "Browse by Movies", and "UNESCO Chair".

At the bottom left, there is the OESO logo and "18th World Congress". At the bottom right, there is a "Keywords:" dropdown menu.

Results of advanced search

o(es) Knowledge

Statutes Sequential Implementation Contacts

...: Simultaneous research in the four books ...

Your request: **barrett**₍₅₈₅₎ And **ulcer**₍₁₇₄₎

barrett ulcer

Total: 119

Selection of volume and chapter:

The Esophageal Mucosa:

Primary Motility Disorders of the Esophagus:

The Esophagogastric Junction:

Barrett's Esophagus:

Results with filter: above

Search by words

Browse by Author

Browse by Movies

UNESCO Chair

Barrett's Esophagus / Diagnosis

What is the correlation between the mode of endoscopy (retroflexed versus antegrade) and the diagnosis of Barrett's esophagus?

C.M. Pring, D.M. Beardsmore, G.W.B. Clark (Leeds) [Full Article](#) (members only)

Barrett's Esophagus / Diagnosis

Do particular clinical factors influence development and extent of Barrett's esophagus?

G.W. Falk (Cleveland) [Full Article](#) (members only)

Barrett's Esophagus / Diagnosis

What is the definition of the junction between the esophagus and stomach from a histologic perspective?

P. Chandrasoma (Los Angeles) [Full Article](#) (members only)

esophagus

Keywords:

Keywords:

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Display of the article searched

o(es) Knowledge

Primary Motility Disorders of the Esophagus

The Esophageal Mucosa

The Esophagogastric Junction

Barrett's Esophagus

Search by words

Barrett ulcer

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Browse by Movies

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Statutes Sequential Implementation Contacts

Volume: **Barrett's Esophagus**
Chapter: **Diagnosis**

What is the correlation between the mode of endoscopy (retroflexed versus antegrade) and the diagnosis of Barrett's esophagus?

C.M. Pring, D.M. Beardsmore, G.W.B. Clark (Leeds)

In addressing this issue, three important questions must be answered:

- 1) How is Barrett's esophagus defined?
- 2) What extra information is likely to be obtained by retroflexing the endoscope?
- 3) Will this extra information influence the subsequent management decisions?

Over the course of time the eponymous condition first described by Norman Barrett has changed so much in its definition that it now bears little resemblance to the condition that Barrett first described in his treatise of 1950 [1]. A succession of parameters required to diagnose Barrett's esophagus has evolved over the years. The columnar lined esophagus (CLE) [2], the 3 cm rule [3], specialized columnar epithelium [4] and short segment Barrett's [5] have all been implicated as criteria required to diagnose the condition. The current working definition which probably best describes Barrett's esophagus is "a change from normal esophageal squamous mucosa to columnar mucosa of any length visible on endoscopy and which shows specialized columnar epithelium on histology" [6]. By applying this definition however, specialized columnar epithelium at the gastroesophageal junction (GEJ) itself would not come under the umbrella of Barrett's esophagus.

Anatomically, the GEJ is best defined as lying within the cardia. Hayward described the cardia as the area between the insertion of the phreno-esophageal ligament and the GEJ at the proximal margin of the gastric folds [7]. He also noted that the cardia was normally lined with columnar epithelium which he termed "columnar mucosa junctional epithelium". Paull et al. also described a normal columnar "junctional" epithelium at this point [4]. This mucosa did not demonstrate the characteristic salmon pink pattern which is typical of the columnarized esophagus.

Nonetheless, despite attempts to find a suitable definition for Barrett's esophagus it is clear that the important entity is that of intestinal metaplasia. The malignant potential of what was traditionally termed Barrett's esophagus has been well documented [3]. However confusion over the relevance of columnar epithelium at the cardia has led to the cardia being neglected. There is though increasing evidence that foci of intestinal metaplasia (IM) at the cardia exist [8] and may have a malignant potential similar to that of traditional Barrett's esophagus [9]. This evidence is complemented by the increasing incidence of adenocarcinoma of the cardia in the Western world [10].

Therefore, rather than correlating the mode of endoscopy with respect to the diagnosis of Barrett's esophagus, the focus of the question should be to correlate the mode of

Navigation within the article

- Primary Motility Disorders of the Esophagus
- The Esophageal Mucosa
- The Esophagogastric Junction
- Barrett's Esophagus
- Search by words
- Browse by Author
- Browse by Movies
- UNESCO Chair

Volume: Barrett's Esophagus
Chapter: Diagnosis

By book

By chapter

What is the correlation between the mode of endoscopy (retroflexed versus antegrade) and the diagnosis of Barrett's esophagus?

C.M. Pring, D.M. Beardsmore, G.W.B. Clark (Leeds)

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By author

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By reference

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Browse by videos

The screenshot shows the OESO Knowledge website. At the top, there are navigation tabs for "Statutes", "Sequential Implementation", and "Contacts". Below these, there are two buttons: "Browse by movies" and "Browse by articles". A section titled "...: Major Themes :..." lists several topics with video icons: "High grade Dysplasia:", "Depth of resection:", and "Mucosal resection:". A red box highlights a video player for "High grade Dysplasia (Commentaries Pr Tytgat)". The video player shows a man speaking, and a red arrow points to a "Click here to play" button overlaid on the video. On the left side of the page, there is a sidebar with the OESO logo and "Knowledge" text. Below this, there are several menu items: "Primary Motility Disorders of the Esophagus", "The Esophageal Mucosa", "The Esophagogastric Junction", and "Barrett's Esophagus". There is also a search bar with "Submit" and "Clear" buttons. At the bottom of the sidebar, there are links for "Browse by Author", "Browse by Movies", and "UNESCO Chair". The footer of the page includes the OESO logo and "8th World Congress" text, along with the copyright notice "OESO©2006".

o(es) Knowledge

Statutes Sequential Implementation Contacts

Browse by movies | Browse by articles

...: Major Themes :...

High grade Dysplasia: [video icon] [video icon] [video icon] [video icon] [video icon] [video icon] [video icon]

Depth of resection: [video icon] [video icon] [video icon]

Mucosal resection: [video icon] Depth

High grade Dysplasia (Commentaries Dr.Validire)

- What is the histologic differential diagnosis for Barrett's car
- Are there any histologic features of high-grade dysplasia wl

High grade Dysplasia (Commentaries Pr Tytgat)

- Can adenocarcinomas of the cardia and short segment of t
- The first endoscopy is of proven prognostic value for the fut
- Are there minimal criteria for the confident or unequivocal d Barrett's mucosa and in squamous mucosa?

Indefinite for Dysplasia (Commentaries Dr.Validire)

- What is the definition of "indefinite for dysplasia" in Barrett's

Low grade Dysplasia (Commentaries Pr.Sipponen)

- Is there a relationship between the length of Barrett's esopt
- Is it possible to make the unequivocal diagnosis of "dyspla

Search by words [input] Submit Clear

Browse by Author

Browse by Movies

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Click here to play