Advanced diagnosis endoscopy: worldwide clinical outcome

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Imaging enhanced endoscopy (IEE) has been developed through the technical improvements during the last decade. All major endoscopic manufacturers offer high resolution endoscopes with imaging enhancement through filters or processing features. It was sometime difficult to understand and compare the clinical outcomes of this various technologies on daily practice: structure enhancement, NBI, FICE, I-scan were technical possibilities to challenge chemical chromoscopy very popular in japan but not used with magnification in the rest of the world. As NBI (Olympus) was the first electronic chromoscopy developed with optical filters, multiple papers have been published on clinical usefulness but applicable to others processing techniques. Fortunately, more recently BLI (Fujifilm) and Optical Endoscopy (Pentax) has been introduced with similar optical technologies. For experts and practitioners whatever the equipment’s we speak the same language.

Multiple classifications has been published using NBI in order to assess: vascular network, superficial mucosal pattern or colour. IPCL for squamous esophagus, Barrett esophagus assessment, various endoscopic aspect of superficial gastric carcinoma are some well-known examples’ NICE (NBI International classification) is the most achieved international consensus. Experts around the world describe various aspect of colonic polyp with therapeutic outcome for the patient. NICE is easy to understand for non-Japanese multiple classification were confusing for most of the world. Jnet classification just add magnification to NICE classification; both could be used widely in clinical practice. The next step relies on clinical used of these new technologies on clinical practice. In many centres NBI, BLI, OE are available but not used. It is important to teach advanced endoscopy diagnosis but to link with clinical outcome. For too long classifications has been considered as “expert or Japanese” tool with onset of EMR and ESD in every countries NBI is now accepted as indispensable tool in order to assess accurately therapeutic outcome; not remove (hyperplastic polyp), resect for NICE type 2 or send to surgery in case of deep invasion.

The current step is to teach all these endoscopic pictures and classification. Live endoscopy is an excellent tool for teaching therapeutic procedures but courses with interactive voting is more adapted as ADEC courses developed by WEO with a stung scientific support from JGES. next step relies on the clinical usefulness of Artificial intelligence with direct detection of lesions and classifications elaborate by a computer link to an endoscope.
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Credentials:
- Medical licence, Marseille, France, 1975
- Intern des Hôpitaux, CHU Nice, France 1973-1977
- Clinical Assistant Bristol Royal Infirmary, UK 1975-1976
- Research Assistant INSERM 1977-1978
- Speciality in gastroenterology 1978

Current position: In private practice since 1/10/1978

French Scientific Societies:

Société Nationale Française de Gastro-Entérologie (SNFGE)
- Associate Member 1978
- Member 1984 - 2007
- Board Member 2002-2007

Société Française d’Endoscopie Digestive (SFED)
- Member 1978 - 2013
- Secretary General 1983-1989
- President 1990-1991
- Board Member 1996-2002
- Honorary Member since 2013

Union Nationale des Médecins Spécialistes Confédérés (U.ME .SPE) - Paris
- General Secretary 1994-2001
- President since 2002 – 2014
- Honorary President since 2014

International Scientific Societies:

European Society for Gastrointestinal Endoscopy (ESGE):
- Member since 1988
- Treasurer 1992-1996
- General Secretary 1996-2002
- President Elect 2002-2004
- President 2004-2006
- Past President 2006-2008
- Honorary Member 2009

United European Gastro-Enterology Federation (UEGF) councilor 2004-2009

Japanese Gastroenterology Endoscopy Society
International honorary member 2017

World Endoscopy Organization (WEO)
- Member of the WGO/OMGE Guidance Committee, 2005-2009
- General Secretary 2005 - 2009
- Chairman of the Education Committee, November 2009-2013
- president 2017

American Society for Gastrointestinal Endoscopy (ASGE)
Member since 1993
- Member for the Task Force Committee, 2011-2014
- FASGE since August 2013

American Gastroenterological Association (AGA)
- Member since 199
- AGA fellow since February 2011

Editorial Boards member of:
- «Endoscopy» 1994-2014
- «GastroIntestinal Endoscopy»
- Digestive endoscopy 2016

Publications:
- 498 publications
- 386 workshops
- 47 videotapes and DVDs