

Critical evaluation of the new radiological tools in digestive imaging

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The presentation will concentrate on the emerging radiological tools for the exploration of the mesenteric small intestine, namely CT – and MR – enteroclysis or enterography.

Their different technical modalities, advantages and disadvantages will be discussed with reference to the other radiological examinations such as conventional computed tomography, small bowel follow-through and double-contrast barium-air enteroclysis.

Review of the literature data will tackle the performances of CT-/MR-enteroclysis and enterography in the assessment of multiples clinical settings and/or pathological conditions, such as Crohn's disease (known or suspected), unexplained gastrointestinal bleeding or anaemia, small bowel neoplasms, and celiac sprue.

A glimpse will be caught of how radiology will possibly intertwine with the novel endoscopic procedures in the near future of small bowel imaging.

References:

1. MacKalski BA, Bernstein CN. New diagnostic imaging tools for inflammatory bowel disease. *Gut* 2006; 55: 733-741.
2. Maglinte DDT. Small bowel imaging – a rapidly changing field and a challenge to radiology. *Eur Radiol* 2006; 16: 967-971.