



PROGRAMA DOCENTE ACADÉMICO
GASTROENTEROLOGÍA
Y HEPATOLOGÍA

Seminario: Cribado del cáncer gástrico y pancreático en poblaciones de alto riesgo

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Páginas web recomendadas:

- <https://www.esge.com/publications/guidelines/>
- <https://gastro.org/clinical-guidance/>
- <https://www.asge.org/home/resources/key-resources/guidelines>
- <https://www.nccn.org/>

Bibliografía:

- Oliveira C, Pinheiro H, Figueiredo J, et al. Familial gastric cancer: genetic susceptibility, pathology, and implications for management. *Lancet Oncol* 2015;16:e60–70.
- Carvalho J, Oliveira P, Senz J, et al. Redefinition of familial intestinal gastric cancer: clinical and genetic perspectives. *J Med Genet* 2021;58:1–11.
- Long JM, Ebrahimzadeh J, Stanich PP, et al. Endoscopic Surveillance in Patients with the Highest Risk of Gastric Cancer: Challenges and Solutions. *Cancer Manag Res* 2022;14 2953–2969.
- Caldas C, Carneiro F, Lynch HT, et al. Familial gastric cancer: overview and guidelines for management. *J Med Genet* 1999;36:873–880.
- Carneiro F. Familial and hereditary gastric cancer, an overview. *Best Pract Res Clin Gastroenterol* 2022;58-59:101800.
- Kluijt I, Sijmons RH, Hoogerbrugge N, et al. Familial gastric cancer: guidelines for diagnosis, treatment and periodic surveillance. *Fam Cancer* 2012;11:363–369.
- Corso G, Roncalli F, Marrelli D, et al. History, Pathogenesis, and Management of Familial Gastric Cancer: Original Study of John XXIII's Family. *Biomed Res Int* 2013;2013:385132.
- Vangala DB, Cauchin E, Balmaña J, et al. Screening and surveillance in hereditary gastrointestinal cancers: Recommendations from the European Society of Digestive Oncology (ESDO) expert discussion at the 20th European Society for Medical Oncology (ESMO)/World Congress on Gastrointestinal Cancer, Barcelona, June 2018. *Eur J Cancer* 2018;104:91-103.
- Cubiella J, Pérez Aisa A, Cuatrecasas M, et al. Documento de posicionamiento de la AEG, la SEED y la SEAP sobre cribado de cáncer gástrico en poblaciones con baja incidencia. *Gastroenterol Hepatol* 2021;44:67-86.



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- Correa P. Human Gastric Carcinogenesis: A Multistep and Multifactorial Process - First American Cancer Society Award Lecture on Cancer Epidemiology and Prevention. *Cancer Res* 1992;52:6735-6740.
- de Vries AC, Haringsma J, Kuipers EJ. The Detection, Surveillance and Treatment of Premalignant Gastric Lesions Related to Helicobacter pylori Infection. *Helicobacter* 2007;12:1-15.
- Gullo I, Grillo F, Mastracci L, et al. Precancerous lesions of the stomach, gastric cancer and hereditary gastric cancer syndromes. *Pathologica* 2020;112:166-185.
- Pimentel-Nunes P, Libânio D, Marcos-Pinto R, et al. Management of epithelial precancerous conditions and lesions in the stomach (MAPS II): ESGE, EHMSG, ESP and SPED guideline update 2019. *Endoscopy* 2019;51:365-388.
- Rugge M, Genta RM. Staging Gastritis: An International Proposal. *Gastroenterology* 2005;129:1807-1808.
- Capelle LG, de Vries AC, Haringsma J, et al. The staging of gastritis with the OLGA system by using intestinal metaplasia as an accurate alternative for atrophic gastritis. *Gastrointest Endosc* 2010;71:1150-1158.
- de Vries AC, van Grieken NCT, Looman CWN, et al. Gastric Cancer Risk in Patients With Premalignant Gastric Lesions: A Nationwide Cohort Study in the Netherlands. *Gastroenterology* 2008;134:945-952.
- Lahner E, Esposito G, Pillozzi E, et al. Occurrence of gastric cancer and carcinoids in atrophic gastritis during prospective long-term follow up. *Scand J Gastroenterol* 2015;50:856-865.
- Song H, Ekhedden IG, Zheng Z, et al. Incidence of gastric cancer among patients with gastric precancerous lesions: observational cohort study in a low-risk Western population. *BMJ* 2015;351:h3867.
- Shichijo S, Hirata Y, Niikura R, et al. Histologic intestinal metaplasia and endoscopic atrophy are predictors of gastric cancer development after Helicobacter pylori eradication. *Gastrointest Endosc* 2016;84:618-624.
- González CA, Sanz-Anquela JM, Gisbert JP, et al. Utility of subtyping intestinal metaplasia as marker of gastric cancer risk. A review of the evidence. *Int J Cancer* 2013;133:1023-1033.
- Cho SJ, Choi IJ, Kook MC, et al. Staging of intestinal- and diffuse-type gastric cancers with the OLGA and OLGIM staging systems. *Alimentar Pharmacol Ther* 2013;38:1292-1302.
- Zhou Y, Li HY, Zhang JJ, et al. Operative link on gastritis assessment stage is an appropriate predictor of early gastric cancer. *World J Gastroenterol* 2016;22:3670-3678.



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- Reddy KM, Chang JI, Shi JM, et al. Risk of Gastric Cancer Among Patients With Intestinal Metaplasia of the Stomach in a US Integrated Health Care System. *Clin Gastroenterol Hepatol* 2016;14:1420–1425.
- González CA, Sanz-Anquela JM, Companioni O, et al. Incomplete type of intestinal metaplasia has the highest risk to progress to gastric cancer: results of the Spanish follow-up multicenter study. *J Gastroenterol Hepatol* 2016;31:953–958.
- Mera RM, Bravo LE, Camargo MC, et al. Dynamics of *Helicobacter pylori* infection as a determinant of progression of gastric precancerous lesions: 16-year follow-up of an eradication trial. *Gut* 2018;67:1239–1246.
- Vannella L, Lahner E, Osborn J, et al. Systematic review: gastric cancer incidence in pernicious anaemia. *Alimentar Phamacol Ther* 2013;37:375–382.
- ASGE Standards of Practice Committee; Evans JA, Chandrasekhara V, Chathadi KV, et al. The role of endoscopy in the management of premalignant and malignant conditions of the stomach. *Gastrointest Endosc* 2015;82:1-8.
- Lahner E, Zagari RM, Zullo A, et al. Chronic atrophic gastritis: Natural history, diagnosis and therapeutic management. A position paper by the Italian Society of Hospital Gastroenterologists and Digestive Endoscopists [AIGO], the Italian Society of Digestive Endoscopy [SIED], the Italian Society of Gastroenterology [SIGE], and the Italian Society of Internal Medicine [SIMI]. *Dig Liver Dis* 2019;51:1621-1632.
- Shah SC, Piazuelo MB, Kuipers EJ, et al. AGA Clinical Practice Update on the Diagnosis and Management of Atrophic Gastritis: Expert Review. *Gastroenterology* 2021;161:1325-1332.
- Rustgi SD, Bijlani P, Shah SC. Autoimmune gastritis, with or without pernicious anemia: epidemiology, risk factors, and clinical management. *Ther Adv Gastroenterol* 2021;14:1-12.
- Fang S, Fu Y, Du S, et al. The role of the endoscopic grading of gastric intestinal metaplasia in assessing gastric cancer risk: A systematic review and meta-analysis. *Front Oncol* 2022;12:1018248.
- Yaghoobi M, Bijarchi R, Narod SA. Family history and the risk of gastric cancer. *Br J Cancer* 2010;102:237-242.
- Malfertheiner P, Megraud F, O’Morain CA, et al. Management of *Helicobacter pylori* infection—the Maastricht V/Florence Consensus Report. *Gut* 2017;66:6–30.
- Gupta S, Li D, El Serag HB, et al. AGA Clinical Practice Guidelines on Management of Gastric Intestinal Metaplasia. *Gastroenterology* 2020;158:693-702.
- Worthley DL, Phillips KD, Wayte N, et al. Gastric adenocarcinoma and proximal polyposis of the stomach (GAPPS): a new autosomal dominant syndrome. *Gut* 2012;61:774-779.



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- Rudloff U. Gastric adenocarcinoma and proximal polyposis of the stomach: diagnosis and clinical perspectives. *Clin Exp Gastroenterol* 2018;11:447-459.
- Li J, Woods SL, Healey S, et al. Point Mutations in Exon 1B of APC Reveal Gastric Adenocarcinoma and Proximal Polyposis of the Stomach as a Familial Adenomatous Polyposis Variant. *Am J Hum Gen* 2016;98:830-842.
- de Boer WB, Ee H, Kumarasinghe MP. Neoplastic Lesions of Gastric Adenocarcinoma and Proximal Polyposis Syndrome (GAPPS) Are Gastric Phenotype. *Am J Surg Pathol* 2018;42:1-8.
- Grossman A, Colavito J, Levine J, et al. Filling in the “GAPPS”: an unusual presentation of a child with gastric adenocarcinoma and proximal polyposis of the stomach. *Gastric Cancer* 2022;25:468-472.
- Repak R, Kohoutova D, Podhola M, et al. The first European family with gastric adenocarcinoma and proximal polyposis of the stomach: case report and review of the literature. *Gastrointest Endosc* 2016;84:718-725.
- McDuffie LA, Sabesan A, Allgäeuer M, et al. β -Catenin activation in fundic gland polyps, gastric cancer and colonic polyps in families afflicted by ‘gastric adenocarcinoma and proximal polyposis of the stomach’ (GAPPS). *J Clin Pathol* 2016;69:826–833.
- Foretová L, Navrátilová M, Svoboda M, et al. GAPPS - Gastric Adenocarcinoma and Proximal Polyposis of the Stomach Syndrome in 8 Families Tested at Masaryk Memorial Cancer Institute - Prevention and Prophylactic Gastrectomies. *Klin Onkol* 2019;32(Supp.2):109-117.
- Tacheci I, Repak R, Podhola M, et al. Gastric adenocarcinoma and proximal polyposis of the stomach (GAPPS) - A Helicobacter-opposite point. *Best Pract Res Clin Gastroenterol* 2021;50-51:101728.
- Lordick F, Carneiro F, Cascinu S, et al. Gastric cancer: ESMO Clinical Practice Guideline for diagnosis, treatment and follow-up. *Ann Oncol* 2022;33:1005-1020.
- Banks M, Graham D, Jansen M, et al. British Society of Gastroenterology guidelines on the diagnosis and management of patients at risk of gastric adenocarcinoma. *Gut* 2019;68:1545-1575.