

Curriculum vitae

Nome: Bruno Joel Ferreira Rosa

Data de nascimento: 22/04/1982

Naturalidade: Sobral - Mortágua

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Local de trabalho: Serviço de Gastreenterologia do Hospital da Senhora da Oliveira (HSO) – Guimarães

Formação académica e percurso profissional:

2000-2006: Licenciatura em Medicina na Faculdade de Medicina da Universidade de Coimbra com a classificação final de 16 valores

2007: Internato do Ano Comum no Centro Hospitalar de Coimbra

2008-2013: Internato complementar em Gastreenterologia no Hospital da Senhora da Oliveira – Guimarães (Director de Serviço: Prof. Doutor José Cotter)

2010: Estágio de ecografia digestiva no Hospital Amato Lusitano – Castelo Branco

2011: Estágio de CPRE no Hospital Erasme – Bruxelas

2012: Estágio de Proctologia no Serviço de Gastreenterologia do Hospital de Santo António e clínica ManopH - Porto

Abril/2013: Especialista em Gastreenterologia pelo Colégio da Especialidade de Gastreenterologia da Ordem dos Médicos

Desde 2013: Assistente Hospitalar no Serviço de Gastreenterologia do Hospital da Senhora da Oliveira - Guimarães

SOCIEDADES E ORGANIZAÇÕES PROFISSIONAIS

- 1.** Inscrito desde 2006 na Ordem dos Médicos
- 2.** Especialista em Gastreenterologia pelo Colégio da Especialidade de Gastreenterologia da Ordem dos Médicos desde 2013
- 3.** Vogal da Direcção da Sociedade Portuguesa de Gastreenterologia (SPG)
- 4.** Vogal da Direcção do Grupo de Estudos Português do Intestino Delgado (GEPID)
- 5.** Sociedade Portuguesa de Endoscopia Digestiva (SPED)
- 6.** European Board of Gastroenterology and Hepatology (EBGH)
- 7.** European Society of Gastrointestinal Endoscopy (ESGE)
- 8.** American Society of Gastrointestinal Endoscopy (ASGE)
- 9.** Comissão Científica do Grupo de Estudo Doença Inflamatória Intestinal (GEDII)

10. European Crohn's & Colitis Organisation (Y-ECCO)

SUMÁRIO DA ACTIVIDADE CLÍNICA, CIENTÍFICA, FORMATIVA E DOCENTE

- Áreas de diferenciação: Endoscopia digestiva diagnóstica e terapêutica, dilatações e próteses do tubo digestivo, CPRE, enteroscopia, proctologia
- Consulta de Gastreenterologia, consulta de Proctologia, consulta multidisciplinar de Oncologia
- Tutor da disciplina de Gastreenterologia e Hepatologia do Curso de Medicina com Mestrado Integrado da Universidade do Minho
- Coordenador do curso de formação em endoscopia por cápsula do Serviço de Gastreenterologia do HSO-Guimarães, "Capsule Endoscopy Training Program", realizado anualmente em colaboração com a Escola de Medicina da Universidade do Minho. Participação regular como formador em cursos de endoscopia por cápsula nacionais e internacionais.
- Frequência do curso "Train the colonoscopy trainers" (WGO Porto Training Center, 2016). Formador em cursos nacionais de formação em colonoscopia.
- Participação em grupos de trabalho internacionais na área da endoscopia por cápsula: ECCO "Endoscopy Consensus 2013"; ESGE Clinical Guideline on "Small-bowel capsule endoscopy and device-assisted enteroscopy for diagnosis and treatment of small-bowel disorders"; participação em ensaios clínicos internacionais na qualidade de "central reader" de endoscopia por cápsula.
- Múltiplas comunicações e publicações em reuniões científicas nacionais e internacionais

Publicações em revistas indexadas: (n=52, 8 como primeiro autor)

Melmed GY, Dubinsky MC, Rubin DT, Fleisher M, Pasha SF, Sakuraba A, Tiongco F, Shafran I, Fernandez-Urien I, **Rosa B**, Papageorgiou NP, Leighton JA. Utility of video capsule endoscopy for longitudinal monitoring of Crohn's disease activity in the small bowel: a prospective study. *Gastrointest Endosc.* 2018 Aug 4. pii: S0016-5107(18)32902-X. doi: 10.1016/j.gie.2018.07.035

Monteiro S, Barbosa M, Cúrdia Gonçalves T, Boal Carvalho P, Moreira MJ, **Rosa B**, Cotter J. Fecal Calprotectin as a Selection Tool for Small Bowel Capsule Endoscopy

in Suspected Crohn's Disease. *Inflamm Bowel Dis.* 2018 May 2. doi: 10.1093/ibd/izy098.

Xavier S, Cúrdia Gonçalves T, Dias de Castro F, Magalhães J, **Rosa B**, Moreira MJ, Cotter J. Perianal Crohn's disease - association with significant inflammatory activity in proximal small bowel segments. *Scand J Gastroenterol.* 2018 Apr;53(4):426-429. doi: 10.1080/00365521.2018.1437928.

Xavier S, Monteiro S, Magalhães J, **Rosa B**, Moreira MJ, Cotter J. Capsule endoscopy with PillCamSB2 versus PillCamSB3: has the improvement in technology resulted in a step forward? *Rev Esp Enferm Dig.* 2018 Mar;110(3):155-159. doi: 10.17235/reed.2017.5071/2017.

Perez-Cuadrado-Robles E, Lujan-Sanchis M, Elli L, Juanmartinena-Fernandez JF, Garcia-Lledo J, Ruano-Diaz L, Egea-Valenzuela J, Jimenez-Garcia VA, Arguelles-Arias F, Juan-Acosta MS, Carretero-Ribon C, Alonso-Lazaro N, **Rosa B**, Sanchez-Ceballos F, Lopez-Higueras A, Fernandez-Urien-Sainz I, Branchi F, Valle-Muñoz J, Borque-Barrera P, Gonzalez-Vazquez S, Pons-Beltran V, Xavier S, Gonzalez-Suarez B, Herrerias-Gutierrez JM, Perez-Cuadrado-Martinez E, Sempere-Garcia-Arguelles J; Enteroscopy and Capsule Endoscopy Spanish Society Group of the Spanish Society of Digestive Endoscopy (SEED). Role of capsule endoscopy in alarm features and non-responsive celiac disease: A European multicenter study. *Dig Endosc.* 2018 Jul;30(4):461-466. doi: 10.1111/den.13002. Epub 2018 Jan 22.

Cúrdia Gonçalves T, Arieira C, Monteiro S, **Rosa B**, Moreira MJ, Cotter J. ORBIT score: an useful predictor of small bowel rebleeding in patients under chronic anticoagulation. *Scand J Gastroenterol.* 2018 Feb;53(2):179-184. doi: 10.1080/00365521.2017.1410568. Epub 2017 Dec 7.

Yung DE, Rondonotti E, Giannakou A, Avni T, **Rosa B**, Toth E, Lucendo AJ, Sidhu R, Beaumont H, Ellul P, Negreanu L, Jiménez-Garcia VA, McNamara D, Kopylov U, Elli L, Triantafyllou K, Shibli F, Riccioni ME, Bruno M, Dray X, Plevris JN, Koulaouzidis A; And the Capsule Endoscopy in Young Patients with IDA research group, Argüelles-Arias F, Becq A, Branchi F, Tejero-Bustos MÁ, Cotter J, Eliakim R, Ferretti F, Gralnek IM, Herrerias-Gutierrez JM, Hussey M, Jacobs M, Johansson GW, McAlindon M, Montiero S, Nemeth A, Pennazio M, Rattehalli D, Stemate A, Tortora A, Tziatzios G. Capsule endoscopy in young patients with iron deficiency anaemia and negative

bidirectional gastrointestinal endoscopy. *United European Gastroenterol J.* 2017 Nov;5(7):974-981. doi: 10.1177/2050640617692501. Epub 2017 Feb 1.

Arieira C, Dias de Castro F, **Rosa B**, Moreira MJ, Firmino-Machado J, Cotter J. Can we rely on inflammatory biomarkers for the diagnosis and monitoring Crohn's disease activity? *Rev Esp Enferm Dig.* 2017 Sep 27;109. doi: 10.17235/reed.2017.5126/2017.

Cúrdia GT, Marinho C, Magalhães J, Barbosa M, Monteiro S, Dias de Castro F, Boal Carvalho P, **Rosa B**, Figueiredo L, Cotter J. Percutaneous endoscopic gastrostomy: confirming the clinical benefits far beyond anthropometry. *Eur J Gastroenterol Hepatol.* 2017 Sep;29(9):1097-1101.

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Boal Carvalho P, Magalhães J, Dias de Castro F, **Rosa B**, Cotter J. Randomized Controlled Trial for *Helicobacter pylori* Eradication in a Naive Portuguese Population: Is Sequential Treatment Superior to Triple Therapy in Real World Clinical Setting? *Acta Med Port.* 2017 Mar 31;30(3):185-189.

Luján-Sanchis M, Pérez-Cuadrado-Robles E, García-Lledó J, Juanmartiñena Fernández JF, Elli L, Jiménez-García VA, Egea-Valenzuela J, Valle-Muñoz J, Carretero-Ribón C, Fernández-Urién-Sainz I, López-Higueras A, Alonso-Lázaro N, Sanjuan-Acosta M, Sánchez-Ceballos F, **Rosa B**, González-Vázquez S, Branchi F, Ruano-Díaz L, Prieto-de-Frías C, Pons-Beltrán V, Borque-Barrera P, González-Suárez B, Xavier S, Argüelles-Arias F, Herrerías-Gutiérrez JM, Pérez-Cuadrado-Martínez E, Sempere-García-Argüelles J. Role of capsule endoscopy in suspected celiac disease: A European multi-centre study. *World J Gastroenterol.* 2017 Jan 28;23(4):703-711.

Yung DE, Boal Carvalho P, Giannakou A, Kopylov U, **Rosa B**, Rondonotti E, Toth E, Plevris JN, Koulaouzidis A. Clinical validity of flexible spectral imaging color enhancement (FICE) in small-bowel capsule endoscopy: a systematic review and meta-analysis. *Endoscopy.* 2017 Mar;49(3):258-269.

Monteiro S, Dias de Castro F, Boal Carvalho P, **Rosa B**, Moreira MJ, Pinho R, Saraiva MM, Cotter J. Essential role of small bowel capsule endoscopy in

reclassification of colonic inflammatory bowel disease type unclassified. *World J Gastrointest Endosc.* 2017 Jan 16;9(1):34-40

Boal Carvalho P, Magalhães J, Dias DE Castro F, Monteiro S, **Rosa B**, Moreira MJ, Cotter J. Suspected blood indicator in capsule endoscopy: a valuable tool for gastrointestinal bleeding diagnosis. *Arq Gastroenterol.* 2017 Jan-Mar;54(1):16-20.

Boal Carvalho P, Magalhães J, Dias de Castro F, **Rosa B**, Cotter J. An exceedingly rare cause of dysphagia. *Gastroenterol Hepatol.* 2016 Dec 20. pii: S0210-5705(16)30167-4

Xavier S, Magalhães J, **Rosa B**, Cotter J. Hemospray use in upper gastrointestinal bleeding from tumor: Is it the answer? *Endosc Int Open.* 2016 Dec;4(12):E1331-E1332.

Cúrdia Gonçalves T, Barbosa M, **Rosa B**, Moreira MJ, Cotter J. Uncovering the uncertainty: Risk factors and clinical relevance of P1 lesions on small bowel capsule endoscopy of anemic patients. *World J Gastroenterol.* 2016 Oct 14;22(38):8568-8575.

Leighton JA, Helper DJ, Gralnek IM, Dotan I, Fernandez-Urien I, Lahat A, Malik P, Mullin GE, **Rosa B**. Comparing diagnostic yield of a novel pan-enteric video capsule endoscope with ileocolonoscopy in patients with active Crohn's disease: a feasibility study. *Gastrointest Endosc.* 2016 Sep 19. pii: S0016-5107(16)30578-8. doi: 10.1016/j.gie.2016.09.009. [Epub ahead of print]

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Pinho R, Mascarenhas-Saraiva M, Mão-de-Ferro S, Ferreira S, Almeida N, Figueiredo P, Rodrigues A, Cardoso H, Marques M, **Rosa B**, Cotter J, Vilas-Boas G, Cardoso C, Salgado M, Marcos-Pinto R. Multicenter survey on the use of device-assisted enteroscopy in Portugal. *United European Gastroenterol J.* 2016 Apr;4(2):264-74.

Monteiro S, de Castro FD, Carvalho PB, Moreira MJ, **Rosa B**, Cotter J. PillCam(®) SB3 capsule: Does the increased frame rate eliminate the risk of missing lesions? World J Gastroenterol. 2016 Mar 14;22(10):3066-8.

Cúrdia Gonçalves T, **Rosa B**, Cotter J. New insights on an old medical emergency: non-portal hypertension related upper gastrointestinal bleeding. Rev Esp Enferm Dig. 2016 Mar 4;108. doi: 10.17235/reed.2016.4240/2016. [Epub ahead of print]

Xavier S, **Rosa B**, Cotter J. Small bowel neuroendocrine tumors: From pathophysiology to clinical approach. World J Gastrointest Pathophysiol. 2016 Feb 15;7(1):117-24.

Barbosa M, Guardado J, Marinho C, **Rosa B**, Quelhas I, Lourenço A, Cotter J. Cirrhotic cardiomyopathy: Isn't stress evaluation always required for the diagnosis? World J Hepatol. 2016 Jan 28;8(3):200-6.

Boal Carvalho P, Magalhães J, Dias de Castro F, Gonçalves TC, **Rosa B**, Moreira MJ, Cotter J. Virtual chromoendoscopy improves the diagnostic yield of small bowel capsule endoscopy in obscure gastrointestinal bleeding. Dig Liver Dis. 2016 Feb;48(2):172-5.

Rosa B, Cotter J. Current Clinical Indications for Small Bowel Capsule Endoscopy. Acta Med Port. 2015 Sep-Oct;28(5):632-9.

Boal Carvalho P, Dias de Castro F, **Rosa B**, Moreira MJ, Cotter J. Mucosal healing in ulcerative colitis - when zero is better. J Crohns Colitis 2016 Jan;10(1):20-5.

Gonçalves TC, Dias de Castro F, Machado JF, Moreira MJ, **Rosa B**, Cotter J. Impact of the age of diagnosis on the natural history of ulcerative colitis. Rev Esp Enferm Dig 2015 Oct;107(10):614-21

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Monteiro S, Boal Carvalho P, Dias de Castro F, Magalhães J, Machado F, Moreira MJ, **Rosa B**, Cotter J. Capsule Endoscopy: Diagnostic Accuracy of Lewis Score in Patients with Suspected Crohn's Disease. Inflamm Bowel Dis. 2015 Oct;21(10):2241-6

Boal Carvalho P, **Rosa B**, Dias de Castro F, Moreira MJ, Cotter J. PillCam COLON 2 in Crohn's disease: A new concept of pan-enteric mucosal healing assessment. *World J Gastroenterol*. 2015 Jun 21;21(23):7233-41

Dias de Castro F, Magalhães J, Boal Carvalho P, Cúrdia Gonçalves T, **Rosa B**, Moreira MJ, Cotter J. Improving diagnostic yield in obscure gastrointestinal bleeding--how virtual chromoendoscopy may be the answer. *Eur J Gastroenterol Hepatol*. 2015 Jun;27(6):735-40

Pennazio M, Spada C, Eliakim R, Keuchel M, May A, Mulder CJ, Rondonotti E, Adler SN, Albert J, Baltés P, Barbaro F, Cellier C, Charton JP, Delvaux M, Despott EJ, Domagk D, Klein A, McAlindon M, **Rosa B**, Rowse G, Sanders DS, Saurin JC, Sidhu R, Dumonceau JM, Hassan C, Gralnek IM. Small-bowel capsule endoscopy and device-assisted enteroscopy for diagnosis and treatment of small-bowel disorders: European Society of Gastrointestinal Endoscopy (ESGE) Clinical Guideline. *Endoscopy*. 2015 Apr;47(4):352-76.

Magalhães J, **Rosa B**, Cotter J. Endoscopic retrograde cholangiopancreatography for suspected choledocholithiasis: From guidelines to clinical practice. *World J Gastrointest Endosc*. 2015 Feb 16;7(2):128-34

Boal Carvalho P, **Rosa B**, Moreira MJ, Cotter J. New evidence on the impact of antithrombotics in patients submitted to small bowel capsule endoscopy for the evaluation of obscure gastrointestinal bleeding. *Gastroenterol Res Pract*. doi: 10.1155/2014/709217. Epub 2014 Nov 6

Cotter J, Dias de Castro F, Magalhães J, Moreira MJ, **Rosa B**. Validation of the Lewis score for the evaluation of small-bowel Crohn's disease activity. *Endoscopy*. 2015 Apr;47(4):330-5

Cotter J, Magalhães J, de Castro FD, Barbosa M, Carvalho PB, Leite S, Moreira MJ, **Rosa B**. Virtual chromoendoscopy in small bowel capsule endoscopy: New light or a cast of shadow? *World J Gastrointest Endosc*. 2014 Aug 16;6(8):359-65.

Dias de Castro F, **Rosa B**, Moreira MJ, Magalhães J, Cotter J. The Role of Domperidone in Increasing the Completion Rate of Small Bowel Capsule Endoscopy : How Should it be Used? *J Clin Gastroenterol*. 2014 Aug 8. PMID: 25110873

Carvalho PB, **Rosa B**, Cotter J. Mucosal healing in Crohn's disease - Are we reaching as far as possible with capsule endoscopy? J Crohns Colitis. 2014 Jul 8. pii: S1873-9946(14)00191-3. doi: 10.1016/j.crohns.2014.06.008.

Cúrdia Gonçalves T, Dias de Castro F, Moreira MJ, **Rosa B**, Cotter J. Small bowel capsule endoscopy in obscure gastrointestinal bleeding: normalcy is not reassuring. Eur J Gastroenterol Hepatol. 2014 Aug;26(8):927-32.

Cúrdia Gonçalves T, Magalhães J, Boal Carvalho P, Moreira MJ, **Rosa B**, Cotter J. Is it possible to predict the presence of intestinal angioectasias? Diagn Ther Endosc. 2014;2014:461602.

Cotter J, Dias de Castro F, Moreira MJ, **Rosa B**. Tailoring Crohn's disease treatment: The impact of small bowel capsule endoscopy. J Crohns Colitis. 2014 Mar 13. pii: S1873-9946(14)00082-8. doi: 10.1016/j.crohns.2014.02.018.

Cotter J, de Castro FD, Magalhães J, Moreira MJ, **Rosa B**. Finding the solution for incomplete small bowel capsule endoscopy. World J Gastrointest Endosc. 2013 Dec 16;5(12):595-9

Annese V, Daperno M, Rutter MD, Amiot A, Bossuyt P, East J, Ferrante M, Götz M, Katsanos KH, Kiebllich R, Ordás I, Repici A, **Rosa B**, Sebastian S, Kucharzik T, Eliakim R. European evidence based consensus for endoscopy in inflammatory bowel disease. European Crohn's and Colitis Organisation. J Crohns Colitis. 2013 Dec 15;7(12):982-1018. doi: 10.1016/j.crohns.2013.09.016. Epub 2013 Nov 1

Rosa B, Cotter J. The importance of IGRA in patients candidates for biological therapy. J Crohns Colitis 2013. pii: S1873-9946(13)00095-0. doi: 10.1016/j.crohns.2013.02.013

Duarte R, Campainha S, Cotter J, **Rosa B**, Varela P, Correia A, Canhão H, Fonseca JE. Position paper on tuberculosis screening in patients with immune mediated inflammatory diseases candidates for biological therapy. Acta Reumatol Port 2012 Jul-Sep;37(3):253-9

Rosa B, Moutinho Ribeiro P, Rebelo A, Pinto Correia A, Cotter J. Endoscopic papillary large balloon dilation after limited sphincterotomy for the treatment of difficult bile duct stones: a retrospective case-controlled study. World J Gastrointest Endosc 2013;5(5):211-218

Rosa B, Barbosa M, Magalhães J, Rebelo A, Moreira MJ, Cotter J. Oral purgative and simethicone before small bowel capsule endoscopy. *World J Gastrointest Endosc* 2013;5(2):1-000. doi:10.4253/wjge.v5.i2.1

Rosa B, Moutinho-Ribeiro P, Pereira J, Fonseca D, Lopes J, Amendoeira I, Cotter J. Ghost tumor: an inflammatory pseudotumor of the liver. *Gastroenterology & Hepatology* 2012;8(9):630-634

Rosa B, Moreira MJ, Rebelo A, Cotter J. Lewis Score: A useful clinical tool for patients with suspected Crohn's Disease submitted to capsule endoscopy. *J Crohns Colitis* 2012;6(6):692-697

Rosa B, Moreira MJ, Rebelo A, Cotter J. Letter to the editor: On the usefulness of small bowel capsule endoscopy in Crohn's disease. *J Crohns Colitis* 2011;5(5):504

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