**Lista completă a publicațiilor**

1. **Teza de doctorat:**

Titlul tezei de doctorat: The Role of WHOLE-BODY MRI in Multiple Myeloma diagnosis, staging, prognosis and treatment response assesment

Ordinul MS Nr.4455/13.06.2023

1. **Publicații ISI in extenso**

1.Bota S, Sporea I, Sirli R, Popescu A, Danila M, **Costachescu D**. Intra- and interoperator reproducibility of acoustic radiation force impulse (ARFI) elastography--preliminary results. Ultrasound Med Biol. 2012 Jul;38(7):1103-8. doi: 10.1016/j.ultrasmedbio.2012.02.032. Epub 2012 May 12. PMID: 22579536.

2.Borsi E, Bucur A, Oncu CP, Oncu OP, Cerbu B, **Costachescu D**, Ionita I, Luca CT, Ionita H. First Line Therapy in Multiple Myeloma: VAD vs Bortezomib -Dexamethasone. Rev. Chim.[internet]. 2019 Mar; 70(3):1017-1022.

3.**Costachescu D**, Ionita I, Borsi EC, Potre O, Potre C, Navolan DB, Blidisel A, Ionita H, Erimescu A, Pop GN, Malita DC. Whole-body diﬀusion-weighted magnetic resonance imaging and apparent diﬀusion coeﬃcient values as prognostic factors in multiple myeloma. Exp Ther Med. 2021 Aug;22(2):827.

4.Carabineanu A, Gadea R, **Costachescu D**, Mocanu A, Navolan D, Malita D, Ceausu R, Saracin c, Cretu O, Blidisel A. MRI Surveillance of Plastic Material Surgical Meshes: Experimental Model - Interim Results. Mater. Plast.[internet]. 2021 Jul;58(3):231-238.

5.**Costachescu, D**, Ionita, H. The importance of bone marrow inﬁltration patterns in multiple myeloma seen on magnetic resonance imaging—Case report and imaging perspective. Clin Case Rep. 2022; 10:e06452.

6.Potre C, Borsi E, Potre O, Samﬁreag M, **Costachescu D**, Cerbu B, Bratosin F, Secosan C, Negrean RA. Assessing Pretransplant and Posttransplant Therapy Response in Multiple Myeloma Patients. Curr Oncol. 2022 Nov 8;29(11):8501-8512.

7.Bercean BA, Birhala A, Ardelean PG, Barbulescu I, Benta MM, Rasadean CD, **Costachescu D**, Avramescu C, Tenescu A, Iarca S, Buburuzan AS, Marcu M, Birsasteanu F. Evidence of a cognitive bias in the quantiﬁcation of COVID-19 with CT: an artiﬁcial intelligence randomised clinical trial. Sci Rep. 2023 Mar 25;13(1):4887.

8.Potre C, Borsi E, Potre O, Ionita I, Samﬁreag M, **Costachescu D**, Secosan C, Lazar S, Ristescu AI. A Systematic Review Assessing the Impact of Vitamin D Levels on Adult Patients with Lymphoid Malignancies. Curr Oncol. 2023 Apr 20;30(4):4351-4364.

9.Isaic A, Motofelea AC, **Costachescu D**, Pop GN, Totolici B, Popovici D, Diaconescu RG. What Is the Comparative Eﬃcacy of Surgical, Endoscopic, Transanal Resection, and Radiotherapy Modalities in the Treatment of Rectal Cancer? Healthcare (Basel). 2023 Aug 20;11(16):2347.

10.Diaconescu R, Popovici D, Tarta C, Isaic A, **Costachescu D**, Totolici B. Pneumorrhachis Secondary to a Locally Advanced Rectal Cancer with Pre-Sacral Abscess-Case Report and Review. Medicina (Kaunas). 2023 Nov 25;59(12):2076.

11.**Costachescu D**, Motofelea AC, Malita D, Birsasteanu F, Ionita I, Motofelea N, Jura CA, Bacila IF, Bacila M, Motoi S. Ruptured Ovarian Cystic Teratoma: A Rare Diagnosis, Easily to Be Confused with Peritoneal Carcinomatosis. Medicina (Kaunas). 2024 Mar 10;60(3):460.

1. **Publicații ISI Proceedings**

1.A. D. C. Malita, C. Saracin, **D. Costachescu** and R. Prejbeanu, "The added value of using Fusion-DWI technique in day to day practice for appreciating placental invasion of the myometrium," *2017 E-Health and Bioengineering Conference (EHB)*, Sinaia, Romania, 2017, pp. 305-308, doi: 10.1109/EHB.2017.7995422.

2.B. -A. Bercean *et al*., "Revised Set Prediction Matching for Chest X-ray Pathology Detection with Transformers," *2023 IEEE International Conference on Systems, Man, and Cybernetics (SMC)*, Honolulu, Oahu, HI, USA, 2023, pp. 5267-5272, doi: 10.1109/SMC53992.2023.10394376.

1. **Publicații BDI**

1.SB Motoi, S Cerbu, F Bîrsãsteanu, M Mogosanu, **D Costachescu**, M Gafencu, G Doroș.MANAGEMENT OF NODULAR HEPATIC LESIONS ON MRI. Cercetãri Experimentale & Medico-Chirurgicale Year XIX Nr.1-2 / 2012 Pag. 49 - 53.

2.Gafencu M Cerbu Simona SB Motoi, F Bîrsăsteanu, **Costachescu D** Mogoseanu Maria. SAFETY CONCERNS REGARDING THE USE OF MODERN LIVER CONTRAST MEDIUM. National Institute of Infectious Diseases" Prof. Dr. Matei Balş 2013, p192.

**V. Lista de lucrări reprezentative Dan Costăchescu**

1.Bota S, Sporea I, Sirli R, Popescu A, Danila M, **Costachescu D**. Intra- and interoperator reproducibility of acoustic radiation force impulse (ARFI) elastography--preliminary results. Ultrasound Med Biol. 2012 Jul;38(7):1103-8. doi: 10.1016/j.ultrasmedbio.2012.02.032. Epub 2012 May 12. PMID: 22579536.

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5.Potre C, Borsi E, Potre O, Samﬁreag M, **Costachescu D**, Cerbu B, Bratosin F, Secosan C, Negrean RA. Assessing Pretransplant and Posttransplant Therapy Response in Multiple Myeloma Patients. Curr Oncol. 2022 Nov 8;29(11):8501-8512.

6.Bercean BA, Birhala A, Ardelean PG, Barbulescu I, Benta MM, Rasadean CD, **Costachescu D**, Avramescu C, Tenescu A, Iarca S, Buburuzan AS, Marcu M, Birsasteanu F. Evidence of a cognitive bias in the quantiﬁcation of COVID-19 with CT: an artiﬁcial intelligence randomised clinical trial. Sci Rep. 2023 Mar 25;13(1):4887.

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8.Isaic A, Motofelea AC, **Costachescu D**, Pop GN, Totolici B, Popovici D, Diaconescu RG. What Is the Comparative Eﬃcacy of Surgical, Endoscopic, Transanal Resection, and Radiotherapy Modalities in the Treatment of Rectal Cancer? Healthcare (Basel). 2023 Aug 20;11(16):2347.

9.Diaconescu R, Popovici D, Tarta C, Isaic A, **Costachescu D**, Totolici B. Pneumorrhachis Secondary to a Locally Advanced Rectal Cancer with Pre-Sacral Abscess-Case Report and Review. Medicina (Kaunas). 2023 Nov 25;59(12):2076.

10.**Costachescu D**, Motofelea AC, Malita D, Birsasteanu F, Ionita I, Motofelea N, Jura CA, Bacila IF, Bacila M, Motoi S. Ruptured Ovarian Cystic Teratoma: A Rare Diagnosis, Easily to Be Confused with Peritoneal Carcinomatosis. Medicina (Kaunas). 2024 Mar 10;60(3):460.