



FOTO (opțional)

CURRICULUM VITAE

Date personale:

Nume, Prenume: **Chitu Monica**

Titlu academic: Sef de lucrari

Departament: M3

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Domenii de interes (maximum 5 domenii, direcții):

- Boli congenitale
- Imagistică cardiovasculară
- Dispozitive Implantabile
- Boala atherosclerotica.
- Insuficiența Cardiacă

Activitate de cercetare:

1. Proiecte de cercetare (maximum 3 proiecte)

- Diagnostic Imaging Strategies for Patients with Stable Chest Pain and Intermediate Risk of Coronary Artery Disease: Comparative Effectiveness Research of Existing Technologies – DISCHARGE. Grant agreement no. HEALTH-F2-2013-603266, program FP7-Health-2013-Innovation-1, FP7 European Commission. Coordinator of Eastern European Centers - member.
- Epicardial fat tissue, local inflammation and atheromatous plaque vulnerability – an imaging study based on artificial intelligence – INTELFAT. Ctr nr PCE 206/2020, financed by the Romanian Ministry of Health. – member
- High-performance multimodal imaging platform MRI/CT for computational medicine, nanoparticle research and hybrid imaging in research of atherothrombotic diseases – CARDIOIMAGE. Financed by Romanian Ministry of – member





2. Lucrări publicate in extenso (maximum 5 lucrări)

1. Rus VA, **Chitu M**, Cernea S, Benedek I, Hodas R, Zavate R, Nyulas T, Hintea M, Benedek T. Altered nutritional status, inflammation and systemic vulnerability in patients with acute myocardial infarction undergoing percutaneous coronary revascularisation: A prospective study in a level 3 cardiac critical care unit. *Nutr Diet*. 2020 Apr;77(2):212-222. doi: 10.1111/1747-0080.12536.
2. Hodas R, Benedek I, Rat N, Kovacs I, **Chitu M**, Benedek T. Impact of COVID-19 Pandemic on STEMI Networks in Central Romania. *Life (Basel)*. 2021 Sep 24;11(10):1004. doi: 10.3390/life11101004.
3. Opincariu D, Benedek T, **Chițu M**, Raț N, Benedek I. From CT to artificial intelligence for complex assessment of plaque-associated risk. *Int J Cardiovasc Imaging*. 2020 Dec;36(12):2403-2427. doi: 10.1007/s10554-020-01926-1.
4. Cucuruzac R, Muntean I, Benedek I, Mester A, Rat N, Mitre A, **Chitu M**, Benedek T. Right Ventricle Remodeling and Function in Scleroderma Patients. *Biomed Res Int*. 2018 Mar 20;2018:4528148. doi: 10.1155/2018/4528148.
5. Rat N, Muntean I, Opincariu D, Gozar L, Togănel R, **Chițu M**. Cardiovascular Imaging for Guiding Interventional Therapy in Structural Heart Diseases. *Curr Med Imaging Rev*. 2020;16(2):111-122. doi: 10.2174/1573405614666180612081736.

