



CURRICULUM VITAE

Personal details:

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Academic Title: MD, Phd, Assistant Professor

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Areas of interest (maximum 5 domains):

Cardiac Imaging (CT and MRI)

Research activity:

1. Research projects (maximum 3 projects)

- Diagnostic Imaging Strategies for Patients with Stable Chest Pain and Intermediate Risk of Coronary artery Disease: Comparative Effectiveness Research of Existing Technologies (DISCHARGE);
- Building Capacity for Tobacco Research in Romania: A Partnership among Romanian, American and Hungarian Scientists.

2. Articles published in extenso (maximum 5 articles)

1. **Ratiu M**, Chitu M, Benedek I, Benedek T, Kovacs I, Rat N, Rezus C. Impact of coronary plaque geometry on plaque vulnerability and its association with the risk of future cardiovascular events in patients with chest pain undergoing coronary computed tomographic angiography-the GEOMETRY study: Protocol for a prospective clinical trial. *Medicine (Baltimore)* 2018; 97(49):e13498. doi: 10.1097/MD.00000000000013498, FI: 2,028

2. **Ratiu M**, Rat N, Nyulas T, Moldovan G, Rus V, Benedek T, Benedek I. Coronary Plaque Geometry and Thoracic Fat Distribution in Patients with Acute Chest Pain – a CT Angiography Study. *Journal of Cardiovascular Emergencies* 2019; Accepted, E-pub Ahead of Print. doi: 10.2478/jce-2019-0001

3. **Dobra M**, Bordi L, Nyulas T, Stanescu A, Morariu M, Condrea S, Benedek T. Clinical update. Computed Tomography – an Emerging Tool for Triple Rule-Out in the Emerging Department. A Review. *Journal of Cardiovascular Emergencies* 2017; 3(1): 36-40. doi: 10.1515/jce-2017-0005

