

PERSONAL INFORMATION Ruxandra-Georgeta Mare

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WORK EXPERIENCE

01/2018–Present **Assistant Professor Gastroenterology Department**

„Victor Babes” University of Medicine and Pharmacy , Timisoara (Romania)

01/2018–Present **MD, PhD, Gastroenterologist and Hepatologist**

„Pius Brinzeu” Emergency County Hospital, TIMISOARA (Romania)

-upper gastrointestinal endoscopy (diagnostic and therapeutic - hemostasis using bipolar coagulation, hemoclips, band ligation)

- lower gastrointestinal endoscopy (diagnostic and therapeutic - hemostasis, polypectomy)

- abdominal ultrasound

- liver elastography (Transient Elastography, point shear wave elastography VTQ, ElastPQ, 2D-SWE elastography on Aixplorer and LOGIQ E9 systems, ElastQ system)

- endoscopic ultrasound (diagnostic)

09/2017–09/2017 **Visiting MD PhD student**

Vall d'Hebron Institute of Research (VHIR), Barcelona (Spain)

11/2015–12/2015 **Visiting MD, PhD student**

Universitat Klinik fur innere Medizin III, AKH, Vienna (Austria)

Training in portal hypertension

01/2014–12/2017 **Fellow in training in Gastroenterology and Hepatology**

Emergency County Hospital , Gastroenterology and Hepatology Clinic, TIMISOARA (Romania)

EDUCATION AND TRAINING

2014–2017 **Gastroenterology Physician Specialist Diploma**

Romanian Ministry of Health

2014–2017 **PhD Diploma**

" Victor Babes" University of Medicine and Pharmacy, TIMISOARA (Romania)

Utility of non-invasive ultrasound based elastographic techniques in liver diseases



2007–2013 Bachelor's degree in Medicine

"Victor Babes" University of Medicine and Pharmacy, Timisoara (Romania)

2003–2007 High school Diploma

Mihai Eminescu National College, Satu Mare (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s) UNDERSTANDING WRITING Listening

English C1 C1 C1 C1 C1

Cambridge First Certificate Diploma , OET (Occupational English Test)

German A2 A2 A2 A2 A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills - good communication skills gained from multiple local, national and international

meetings

Organisational / managerial skills - good experience in organising workshops

Job-related skills -upper gastrointestinal endoscopy (diagnostic and therapeutic - hemostasis using bipolar coagulation, hemoclips, band ligation)

- lower gastrointestinal endoscopy (diagnostic and therapeutic - hemostasis, polypectomy)

- abdominal ultrasound

- liver elastography (Transient elastography, point shearwave elastography, 2D-SWE elastography on Aixplorer and LOGIQ E9 systems)

Driving licence B

ADDITIONAL INFORMATION

Honours and awards - Honourable mention for the paper entitled: The value of ElastPQ for the evaluation of liver stiffness in patients with B and C chronic hepatopathies. Award offered by the "Victor Babes" University of Medicine and Pharmacy, 14 December 2017 Timisoara, Romania.

- National Scholar Award for the paper entitled: „How often do we find liver steatosis and severe fibrosis in type 2 diabetes mellitus patients” offered by the United European of Gastroenterology, 28th October - 1 November 2017, Barcelona, Spain.

-The "Florin Mircea" Award of the Romanian Society of Ultrasound in Medicine and Biology offered for the presentation of the paper entitled: Fibrolamellar hepatocellular carcinomas in al elderly patient an unusual case report” , 1-3 June 2017, Cluj Napoca , Romania.

- Poster with distinction for the paper entitled: Intra and interobserver variability of ElastPQ offered by the "Victor Babes" University of Medicine and Pharmacy, 15th December 2016, Timisoara, Romania.

- Romanian Representative at the Young Investigator Session with the paper entitled: The value of ElastPQ for the evaluation of liver fibrosis in patients with B and C chronic hepatopathies at Euroson Congress of EFSUMB, 26-29th October 2016, Leipzig, Germany.

- The best case presentation, award of the Romanian Society of Ultrasound in Medicine and Biology for the paper entitled: Spontaneous intrahepatic rupture of a hepatic adenoma, 23-25th June 2016, Craiova, Romania.

Publications

- Bauer DJ, Matic V, **Mare R**, Maiocchi L, Chromy D, Müllner-Bucsics T, Mandorfer M, Mustapic S, Sporea I, Ferraioli G, Grgurevic I, Reiberger T. Point Shear Wave Elastography by ElastPQ for Fibrosis Screening in Patients with NAFLD: A Prospective, Multicenter Comparison to Vibration-Controlled Elastography. *Ultraschall Med.* 2022 Feb 28. English. doi: 10.1055/a-1724-7289. Epub ahead of print.
- Parvanescu T, Vitel A, Sporea I, **Mare R**, Buz B, Bordejevic DA, Tomescu MC, Arnautu SF, Morariu VI, Citu IM. Significant Association Between Left Ventricular Diastolic Dysfunction, Left Atrial Performance and Liver Stiffness in Patients with Metabolic Syndrome and Non-Alcoholic Fatty Liver Disease. *Diabetes Metab Syndr Obes.* 2021 Apr 9;14:1535-1545. doi: 10.2147/DMSO.S300450.
- Vitel A, Sporea I, **Mare R**, Banciu C, Bordejevic DA, Parvanescu T, Citu IM, Tomescu MC. Association Between Subclinical Left Ventricular Myocardial Systolic Dysfunction Detected by Strain and Strain-Rate Imaging and Liver Steatosis and Fibrosis Detected by Elastography and Controlled Attenuation Parameter in Patients with Metabolic Syndrome. *Diabetes Metab Syndr Obes.* 2020 Oct 15;13:3749-3759. doi: 10.2147/DMSO.S268916
- Facciorusso A, Cotsoglou C, Chierici A, **Mare R**, Crinò SF, Muscatiello N. Contrast-Enhanced Harmonic Endoscopic Ultrasound-Guided Fine-Needle Aspiration versus Standard Fine-Needle Aspiration in Pancreatic Masses: A Propensity Score Analysis. *Diagnostics (Basel).* 2020 Oct 6;10(10):792. doi: 10.3390/diagnostics10100792.
- Sporea I, Bâldea V, Lupușoru R, Bende F, **Mare R**, Lazăr A, Popescu A, Șirli R. Quantification of Steatosis and Fibrosis using a new system implemented in an ultrasound machine. *Med Ultrason.* 2020 Sep 5;22(3):265-271. doi: 10.11152/mu-2495
- Bâldea V, Sporea I, Lupușoru R, Bende F, **Mare R**, Popescu A, Șirli R. Comparative Study Between the Diagnostic Performance of Point and 2-D Shear-Wave Elastography for the Non-invasive Assessment of Liver Fibrosis in Patients With Chronic Hepatitis C Using Transient Elastography as Reference. *Ultrasound Med Biol.* 2020 Nov;46(11):2979-2988. doi: 10.1016/j.ultrasmedbio.2020.07.015.
- Sporea I, **Mare R**, Popescu A, Nistorescu S, Baldea V, Sirli R, Braha A, Sima A, Timar R, Lupușoru R. Screening for Liver Fibrosis and Steatosis in a Large Cohort of Patients with Type 2 Diabetes Using Vibration Controlled Transient Elastography and Controlled Attenuation Parameter in a Single-Center Real-Life Experience. *J Clin Med.* 2020 Apr 6;9(4):1032. doi: 10.3390/jcm9041032.
- Sporea I, **Mare R**, Lupușoru R, Popescu A, Danila M, Bende F, Sirli R. Comparative study between four ultrasound Shear Waves Elastographic methods for liver fibrosis assessment. *Med Ultrason.* 2018 Aug 30;20(3):265-271. doi: 10.11152/mu-1487
- Ferraioli G, De Silvestri A, Reiberger T, Taylor-Robinson SD, de Kneegt RJ, Maiocchi L, **Mare R**, Bucsics T, Atzori S, Tinelli C, Sporea I. Adherence to quality criteria improves concordance between transient elastography and ElastPQ for liver stiffness assessment-A multicenter retrospective study. *Dig Liver Dis.* 2018 Oct;50(10):1056-1061. doi: 10.1016/j.dld.2018.03.033
- Sporea I, Lupușoru R, **Mare R**, Popescu A, Gheorghe L, Iacob S, Șirli R. J Gastrointest Liver Dis. 2017 Jun;26(2):145-150. doi: 10.15403/jgld.2014.1121.262.dyn. Dynamics of liver stiffness values by means of transient elastography in patients with HCV liver cirrhosis undergoing interferon free treatment.

- Bende F, Sporea I, Sirli R, Popescu A, **Mare R**, Miutescu B, Lupusoru R, Moga T, Pienar C. Med Ultrason. 2017 Apr 22;19(2):143-149. doi: 10.11152/mu-910. Performance of 2D-SWE.GE for predicting different stages of liver fibrosis, using Transient Elastography as the reference method.

- **Mare R**, Sporea I, Lupușoru R, Șirli R, Popescu A, Danila M, Pienar C. Ultrasonics. 2017 May;77:144- 151. doi:10.1016/j.ultras.2017.02.005 The value of ElastPQ for the evaluation of liver stiffness in patients with B and C chronic hepatopathies.

- Sporea I, **Mare R**, Lupusoru R, Sima A, Sirli R, Popescu A, Timar R. Evaluation by Transient Elastography in Type 2 Diabetes Mellitus Patients with Ultrasound-proven Steatosis J Gastrointestin Liver Dis. 2016 ș Jun;25(2):167-74. doi: 10.15403/jgld.2014.1121.252.lsf. Liver Stiffness.

-Sporea I, irli R, Ș **Mare R**, Popescu A, Iva cu SC. Feasibility of Transient Elastography with M and XL probes in real life. Med Ultrason. 2016 Mar;18(1):7-10. doi: 10.11152/mu.2013.2066.181.xsi. ș

- Popescu A, Sporea I, Șirli R, Dănilă M, **Mare R**, Grădinaru Tașcău O, Moga T Does Contrast Enhanced Ultrasound improve the management of liver abscesses? A single centre experience. .Med Ultrason. 2015 Dec;17(4):451-5. doi: 10.11152/mu.2013.2066.174.deu.

- Sporea I, Sirli R, Bende F, Bota S, Danila M, Jurchis A, **Mare R**, Popescu A, Sandulescu L. Hepatic Elastography Using Ultrasound Waves Revised Edition of Volume 1eISBN: 978-1-68108-401-5, 2016.ISBN: 978-1-68108-402-2

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