

	
<b>Europass Curriculum Vitae</b>	
<b>Personal information</b>	
First names / Surname	<b>Maria Magdalena Duma</b>
Address	20, Otetului, 400380, Cluj Napoca, Romania
Telephone	0040-760-266-103
E-mail	magdaduma@gmail.com
Nationality	Romanian
Date of birth	September, 11, 1979
<b>Work experience</b>	
Dates	<b>10/2011-Present</b>
Occupation or position held	<b>Radiology Assistant professor / Consultant Radiologist</b>
Main activities and responsibilities	Teaching activities and research activity* Clinical work**
Name and address of employer	<ul style="list-style-type: none"> <li>• *Radiology Department, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania</li> <li>• **Emergency County Hospital of Cluj Napoca, MRI Department **Private medical facilities-consultant on Women's Imaging Issues and Oncologic Radiology</li> </ul>
Type of business or sector	<b>Medical Imaging and Diagnosis</b>
Dates	<b>2/2005-2/2010</b>
Occupation or position held	<b>Radiology and Medical Imaging Resident</b>
Main activities and responsibilities	Clinical, Research, Teaching Patient care, diagnostic imaging
Name and address of employer	Radiology Department, Emergency County Hospital, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania
Type of business or sector	<b>Medical Imaging and Diagnosis</b>
<b>Personal skills and competences</b>	
Technical skills and competences	Imaging techniques: B-Mode Ultrasound, Doppler Ultrasound, Elastography techniques (Free hand real time strain and shear-wave Elastography), Computer Tomography, Magnetic Resonance Imaging, Mammography Medical Writing
Computer skills and competences	Microsoft Office Suite (Word, Excel, PowerPoint) Microsoft Windows: 98, 2000, XP, Vista, Win7
Social skills and competences	Ability to Learn, Ability to Analyse, End-oriented work capacity, Responsible
Organisational skills and competences	Leadership, research management, project management
Hobbies	Travelling, Open water dives, Winter sports
Driving licence	Yes, <b>B</b> Category



International Scholarships and observerships	<ul style="list-style-type: none"> <li>Clinical observer-Oncologic Gynecology Department of Addenbrooke's NHL Hospital, Cambridge, UK, 2009 (Tutor: Dr. Evis Sala, Director of Gynecologic Radiology, Memorial Sloan Kettering Hospital, New York, USA)</li> <li>ESOR scholarship: Breast Unit of Addenbrooke's NHL Hospital, Cambridge, UK, 2007 (Tutor: Dr. Peter Britton, Consultant Radiologist, Cambridge, UK)</li> <li>ERASMUS scholarship: Vascular medicine and Angiology, Luigi Sacco Hospital, Milano, Italy, 2003</li> <li>ERASMUS scholarship: Interventional Radiology Department, Debrecen Hospital, Hungary, 2001</li> <li>Clinical observer- Tropical Diseases Department of Ain Shams University hospital, cairo, Egypt, 2001</li> </ul>
Additional information	<p><b>Scientific activity</b></p> <ul style="list-style-type: none"> <li>Total scientific activity (2005-2013): <b>70 publications</b> as abstracts or extenso papers and <b>23 participations</b> to national and international meetings</li> <li><b>Last 5 years</b> (as author or co-author): <b>48 publications</b> <ul style="list-style-type: none"> <li>- Extenso international papers: 3 (2 ISI, 1 SCOPUS)</li> <li>- Extenso national papers: 4 (B+)</li> <li>- 1 Euroson Course Syllabus paper</li> <li>- Internationally published abstracts: 15 (6 ISI indexed journal supplements)</li> <li>- Nationally published abstracts: 25</li> <li>- Posters: 15 (7 to international congresses)</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li><b>4 Scientific Awards (1 International* and 3 National)</b> *RSNA 2012 Certificate of Merit</li> <li><b>ESR 2007 Award Certificate for completing the ESOR VISITING SCHOLARSHIP ON BREAST IMAGING at Addenbrooke's Hospital, Cambridge, UK</b></li> </ul>
Annexes	List of Certificates of attendance at Scientific Meetings and Publications

Date: 19.06.2013

Signature:

  
**Dr. MAGDA DUMA**  
 Medic Specialist  
 Radiologie-Imagistica Medicală  
 Cod: B61442

## Annexes 2.1. Scientific Activity

### Scientific Meetings Participations (last 5 years)

#### National (+/-international participation)

- 1.The Xth Perinatal Medicine National Congress, May 22-25, 2013,Cluj Napoca (oral presentation&abstract)
- 2.The German-Romanian Course of Neuro-Oncology, April 18-20, 2013, Cluj Napoca (oral presentation)
- 3.The 3rd National Conference of Neuro-Oncology with International Participation, April 18-20, 2013, Cluj Napoca
- 4.Summer Radiology School Courses organized by the Romanian Radiological Society, June 18-26, 2012 (oral presentations, lector diploma)
- 5.Breast Imaging National Conference,3rd Edition, Nov 23-24, 2012, Sibiu
- 6.The XXth Congress of European Federation of Societies for Ultrasound in Medicine and Biology in conjunction with The XIth Romanian Conference of Ultrasound in Medicine and Biology. Euroson 2008, 31 May-3 June, Timisoara, Romania (oral presentation&abstract)
- 7.Breast Ultrasound Course during Euroson 2008, 31 May-3 June, Timisoara, Romania (participation&abstract)
- 8.Breast Imaging National Conference, 2nd Edition, November 14-15, 2008, Sibiu (oral presentations&abstracts)

## **International**

1. Annual Conference of the Israel Radiological Associations, Oct 31st – Nov 2<sup>nd</sup>, 2012, Eilat, Israel (oral presentation&poster&abstracts)
2. The 24th European Congress of Radiology, March 1-6, 2012, Vienna, Austria (poster&abstract)
3. ESOR Galen Advanced Course on Musculoskeletal Cross-Sectional Imaging. Nov. 17-18, 2011, Lille, France
4. RSNA 96th Scientific Assembly and annual meeting. Nov -Dec, 2010, Chicago, USA
5. ESOR Galen Foundation Course. Paediatric Radiology. Nov 12-14, 2009 Athens, Greece
6. The Italian Congress of Musculoskeletal Radiology, June 11-13, 2009 Genoa, Italy (participation&poster&abstract)
7. The 16th European Congress of the European Society of Musculoskeletal Radiology, June 11-13, 2009 Genoa
8. The 21st European Congress of Radiology, March 6-10, 2009, Vienna, Austria (poster&abstract)
9. The 20th European Congress of Radiology, March 7-11, 2008, Vienna, Austria
10. Annual Scientific Meeting of the European Society of Breast Imaging, March 6, 2008, Vienna, Austria
11. ESOR Advanced Course. Women's Cross-Sectional Imaging, July 4-5, 2008 Berlin, Germany
13. ESMRMB School of MRI-Advanced Breast and Pelvis MR Imaging, September 4-6, 2008, Brussels, Belgium
14. RSNA 94th Scientific Assembly and annual meeting. Nov 30-Dec 5, 2008, Chicago, USA
15. Introduction to Research for International Young Academics Seminar, Nov 30-Dec 4, 2008, Chicago, USA (oral presentation)

## **Papers published in Book of Abstracts**

### **International Journals supplements or abstract volumes**

1. **Magda Duma**, Angelica Chiorean, Cristina Pamfil, Ioana Filipescu, Dan Duma, Simona Rednic. *Cutaneous free-hand ultrasound elastography of scleroderma patients: potential tool for future measurements*. 1st Systemic Sclerosis World Congress, Florence, Italy, 2010. Clinical and Experimental Rheumatology, abstracts volume, 2010, pag.9 (**ISI**)
2. Dan Duma, Elisabeta Fazekas, **Magda Duma**, Ioan Parasca, Magda Petrescu, Silviu Sfrangeu. *Isolated non-Hodgkin lymphomatous involvement of the left psoas muscle in an elderly patient*. 16th Annual Congress of the European Society of Musculoskeletal Radiology, 2009-Program, EPOS 107, pag. 24 (abstract + electronic poster) (**ISI**)
3. Angelica Chiorean, **Magda Duma**, Dan Eniu. *Artefacts elastographiques des lésions kystiques mammaires. Influence à la classification BI-RADS*. Journées Françaises de Radiologie, 2009, Programme, pag.93
4. Angelica R Chiorean, **Maria M Duma**, Sorin M Dudea, Dan Eniu, Silviu A Sfrangeu. *Sonoelastographic appearance of cystic breast lesions*. The 21 st Meeting of Japan Association of Breast and Thyroid Sonology (JABTS 21), New wave of Breast and Thyroid Sonology, Vol 11.2, Edited by Toshikazu Ito, R17, pag.133, 14-15 septembrie 2008, Osaka, Japonia
5. Dediulescu DF, Chiorean A, Dudea S, Roman R, **Duma MM**, Bolboaca S. *The role of 2D and Doppler ultrasound in breast diagnosis: a review based on 3 year longitudinal prospective study*. The 20th Congress of European Federation of Societies for Ultrasound in Medicine and Biology in conjunction with The 11th Romanian Conference of Ultrasound in Medicine and Biology, Timisoara, 2008. Ultraschall in Med, Supplement S1 2008;abstracts;OP2.14: pag. 22 (**ISI**)
6. Chiorean A, **Duma M**, Dudea S, Dumitriu D, Iancu A, Roman R, Ciortea C, Ciurea A, Sfrangeu S, Bolboaca S. *Short analysis on elastographic images of benign and malignant breast lesions based on color and hue parameters*. The 20th Congress of European Federation of Societies for Ultrasound in Medicine and Biology in conjunction with The 11th Romanian Conference of Ultrasound in Medicine and Biology, Timisoara, 2008. Ultraschall in Med, Supplement S1 2008;abstracts;OP2.13: pag. 22 (**ISI**)
7. **Duma M**, Chiorean A, Dudea S, Dumitriu D, Iancu A, Roman R, Ciortea C, Ciurea A, Sfrangeu S, Bolboaca S. *Breast lesions: correlations between ultrasound BI-RADS classification and Ueno-Itoh elastography score*. The 20th Congress of European Federation of Societies for Ultrasound in Medicine and Biology in conjunction with The 11th Romanian Conference of Ultrasound in Medicine and Biology, Timisoara, 2008. Ultraschall in Med, Supplement S1 2008;abstracts;OP2.12: pag. 22 (**ISI**)

8.Roman R, Chiorean A, **Duma MM**.*Ultrasound aspects in breast complex sclerosing lesions*. The 20th Congress of European Federation of Societies for Ultrasound in Medicine and Biology in conjunction with The 11th Romanian Conference of Ultrasound in Medicine and Biology, Timisoara, 2008. Ultraschall in Med, Supplement S1 2008;abstracts;OP2.10: pag. 21 (**ISI**)

9.**M.M.Duma**, A. R. Chiorean, A. Lebovici, M.A. Chiorean, S.A.Sfrangeu. Imaging aspects in non-neoplastic breast inflammatory diseases. Israel Radiological Association International Annual Meeting. Eilat 2012. Program&Abstracts,p.102

10.A.R. Chiorean, **M.M. Duma**, M.A. Chiorean, S. A. Sfrangeu. Conventional ultrasound, nipple ultrasound and sonoelastography in breast papillary lesions: diagnostic challenges and usefulness. Israel Radiological Association International Annual Meeting. Eilat 2012. Program&Abstracts,p.101

11.D.Duma, **M. Duma**, A. Chiorean, A. Lebovici, S. Manole, S. Dudea, S. Sfrangeu. Imaging aspects with unexpected pathology result: a pictorial essay. Israel Radiological Association International Annual Meeting. Eilat 2012. Program&Abstracts,p.113

12. Dudea SM, Nedevschi S, Bolboaca S, Dumitriu D, **Duma MM**, Pantelie C. Computer-assisted measurement of sonoelastographic phantom images: is it reliable for future clinical use? Ultrasound in Medicine and Biology 2011; 37 (8S): S49

13. Angelica Chiorean, **Magda Duma**, Marco Chiorean, Silviu Sfrangeu. Diagnostic Challenges in Breast Imaging: Mammographic and ultrasound appearances with unexpected pathology result. LL-BRE4720, RSNA 2012. Program in Brief. p.248 (awarded poster)

14. R.A.Roman, A.R.Chiorean, **M.M. Duma**. Combined imaging assessment in radial scar of the breast. ECR 2012, Educational Exhibit. C-2085

15.A.G. Maglas, A.R. Chiorean, **M.Duma**, T.S. Serb, S.M. Dudea, S. Sfrangeu. Imaging aspects of papillary breast proliferations: from mammography to free hand elastography. ECR 2009, Educational Exhibit. C-110.p.24

#### National Journal Supplements or abstract volumes

1.**Maria M Duma**, Angelica R Chiorean, Roxana T Popa, Silviu A Sfrangeu, Florin Stamatian. Chronic gynecological pain syndrome: superior advanced cross-sectional imaging diagnostic value. Obstetrica si Ginecologia 2013. Journal of the Romanian Obstetrics and Gynecology Association. S29, p 66

2.Angelica Chiorean, **Maria Magdalena Duma**, Sorin M Dudea, Sorana Bolboaca, Dan Eniu, Dana Dumitriu, Silviu Sfrangeu. Typical and unusual sonoelastographic patterns of breast cystic lesions: Impact on BI-RADS classification. Medical Ultrasonography, May, 2010, vol 12, Supplement 1: 42-43

3.**Maria M Duma**, Angelica R Chiorean, Maria Ciocoiu, Cristiana A Ciortea, Anca Ciurea, Andrei Lebovici, Liliana Rogojan, Andrei Ungureanu, Vasile Bintintan. Breast lesions imaging, clinical and pathological correlations. Breast Imaging National Conference, 3rd Edition, Sibiu, 2012

4.Angelica R. Chiorean, **Maria M. Duma**. Clinical applications of breast sonoelastography. Breast Imaging National Conference, 2nd Edition, Sibiu, 2010. Program and Abstracts Volume, p.12

5.**Maria Duma**, Angelica Chiorean, Raluca Roman, Ildiko Agoston, Sorin Dudea. Ultrasound diagnostic value in breast microcalcifications detection and evaluation. Breast Imaging National Conference, 1st Edition, Sibiu, 2009. Program and Abstract Volume, p.19

6. **Magda Duma**, Angelica Chiorean, Raluca Roman, Silviu Sfrangeu, Sorin Dudea, Georgeta Rusu. MRI diagnostic value in breast pathology. Breast Imaging National Conference, 1st Edition, Sibiu, 2009. Program and Abstract Volume, p.19-20

7. Angelica Chiorean, **Magda Duma**, Raluca Roman, Silviu Sfrangeu, Sorin Dudea, Georgeta Rusu. MRI BI-RADS classification in breast lesions management. Breast Imaging National Conference, 1st Edition, Sibiu, 2009. Program and Abstract Volume, p.19-20

8. **Maria Duma**, Anca Ciurea, Cristiana Ciortea, Ildiko Agoston, Raluca Roman, Ramona Boja. Phyllodes breast tumors: imaging peculiarities. Breast Imaging National Conference, 1st Edition, Sibiu, 2009. Program and Abstract Volume, p.21

9. **Maria Duma**, Angelica Chiorean, Cristiana Ciortea, Anca Ciurea, Liliana Rogojan, Raluca Roman, Ildiko Agoston. Imaging features of breast lobular invasive carcinoma. Breast Imaging National Conference, 1st Edition, Sibiu, 2009. Program and Abstract Volume, p.22

10. Cristiana Ciortea, Anca Ciurea, Angelica Chiorean, **Maria Duma**, Maria Turdean, Larisa Ciule, George Dindelegan. Imaging aspects found in conservative surgical treatment of breast cancer. Breast Imaging National Conference, 2nd Edition, Sibiu, 2008. Program and Abstract Volume, p.11

11. Raluca Roman, Angelica Chiorean, **Maria Duma**. Breast lymphoreticular and haemathologic lesions – imaging aspects. Breast Imaging National Conference, 2nd Edition, Sibiu, 2008. Program and Abstract Volume, p.9

12. Teodora Serb, Angelica Chiorean, **Magda Duma** et al. Imaging patterns of breast inflammatory diseases: from typical abscess to sarcoidosis. National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.19

13. Angelica Chiorean, **Magda Duma**, Raluca Roman: Imaging diagnosis of rare breast pathologies: from giant adenomioepithelioma to acute myeloid leukemia. National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.27

14. Maglas Anca, Angelica Chiorean, **Magda Duma**, Teodora Serb, Aparsteuan Cornelia. Imaging aspects in breast papillary carcinoma, in situ and invasive. Differential diagnosis between benign and malignant papillary lesions. National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.27-28

15. Raluca Roman, Angelica Chiorean, **Magda Duma**. Mammographic BI-RADS classification of breast tumors: prospective longitudinal study over a 4 year time interval. National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.27-28

16. Angelica Chiorean, **Magda Duma**, Raluca Roman. Ultrasound evaluation in breast lesions: short correlative pictorial essay. National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.30-31

17. **Magda Duma**, Simona Manole, Luminita Cocarla et al.: MRI aspects of primary, non-neoplastic, non-infectious intracranial cysts; National Congress on Cross Sectional Imaging, Tg Jiu, 22-24.05.2008, abstract volume, P25, p.63-64

18. Luminita Cocarla, Simona Manole, **Magda Duma** et al: MRI aspects of cerebral vascular malformations: a review based on a 3 year longitudinal retrospective study; National Congress on Cross Sectional Imaging, Tg Jiu, 22-24.05.2008, abstract volume, P9,p.50-51

19. Angelica Chiorean, **Magda Duma**, Raluca Roman et al. Breast MRI of tumoral lesions. National Congress on Cross Sectional Imaging, Tg Jiu, 22-24.05.2008, abstract volume, P9,p.34-35

20. Angelica Chiorean, **Magda Duma**. Breast Ultrasound Elastography. Today's pros and cons. The IX th Balkanic Congress of Radiology. The XVIII National Congress of Radiology, October 7-9, 2011, Cluj Napoca

21. Angelica R. Chiorean, **Maria M. Duma**, Diana Feier. Typical and atypical sonoelastografic appearances of malignant breast lesions: diagnostic tips and pearls through case based reviews. Sonoelastography Endorsed Course Syllabus. Romanian National Congress of Ultrasonography, Oradea, 2013 (program and abstracts on electronic support-CD)

22. Angelica Chiorean, **Magda Duma**, Sorin Dudea, Anca Iancu, Dana Dumitriu. Breast elastography: value of the color and hue parameters in assessing elastography images of benign and malignant lesions. National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.12-13
23. Angelica Chiorean, **Magda Duma**, Raluca Roman, Silviu Sfrangeu, Georgeta Rusu. Breast MRI in mammary tumors. . . National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.12-13
24. **Magda Duma**, Angelica Chiorean, Sorin Dudea, Dana Dumitriu, Anca Iancu. Correlations between BI-RADS categories and Ueno-Itoh elasticity score: a retrospective study. National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.21
25. **Magda Duma**, Angelica Chiorean, Raluca Roman, Silviu Sfrangeu, Georgeta Rusu. BI-RADS MRI categories and MRI value in diagnosis and management of breast lesions. National Congress on Breast Imaging, Sibiu, 2008, abstract volume, p.22-23

## Original Research Articles

### ISI International Scientific Journals

1. Chiorean AR, **Duma MM**, Dudea SM, Bolboaca S, Dumitriu D, Eniu D, Sfrangeu SA. Typical and unusual sonoelastographic patterns of breast cystic lesions: impact on BI-RADS classification. *Ultraschall Med.* 2012 Dec;33(7):E138-44. doi: 10.1055/s-0029-1245699. Epub 2010 Oct 22
2. Chiorean AR, **Duma MM**, Dudea SM, Dindelegan G, Rogojan L. Sonoelastographically guided preoperative localization of suspicious breast microcalcification detected with mammography. *Ultraschall Med.* 2009 Oct;30(5):492-3. doi: 10.1055/s-2008-1027995. Epub 2009 Oct 7

### Non-ISI International Scientific Journals

1. Angelica Chiorean, **Maria Magdalena Duma**, Laura Urian et al. Diagnostic challenges: Atypical breast onset of acute myeloid leukemia in a middle age, apparently, healthy woman. *European Journal of Radiology Extra* 78(2011) e1-e3

### Non-ISI Romanian Journals (B+)

1. Dudea SM, Lenghel M, Botar-Jid C, Vasilescu D, **Duma M**. Ultrasonography of superficial lymph nodes: benign vs. malignant. *Med Ultrason.* 2012 Dec;14(4):294-306
2. Angelica Chiorean, **Magda Duma**, Silviu Sfrangeu, Raluca Roman, Sorin Dudea, Sorana Bolboaca. Aportul mamografiei in diagnosticul tumorilor mamare: experienta unui studiu longitudinal prospectiv cu durata de 3 ani. *Clujul Medical* 2009; 82(2): 253-258
3. Angelica Chiorean, **Magda Duma**, Silviu Sfrangeu, Raluca Roman, Sorin Dudea, Sorana Bolboaca, Georgeta Rusu. Rezonanta magnetica mamara in diagnosticul leziunilor tumorale. *Clujul Medical* 2009; 82(1):91-97
4. Angelica Chiorean, **Magda Duma**, Sorin Dudea, Anca Iancu, Dana Dumitriu, Raluca Roman. Breast sonoelastography: state of the art. *Medical Ultrasonography* 2008; **10(2):73-82**

### Euroson Course Syllabus

Angelica Chiorean, **Magda Duma**, Sorin Dudea. Imaging Correlations in breast diagnosis: special focus on ultrasound through clinical cases. Syllabus of the Euroson School Course Breast Ultrasound, 2008, Timisoara, Romania. Editura si tipografia Gordian 2008, ISBN 978-973-8902-24-4, pag. 41-44

