

Curriculum vitae della Dott.ssa Anna Rotili

PROFESSIONAL EXPERIENCE

Dates 03 January 2007 - 30 June 2008

Position held Radiologist

Name and address of employer: **Ospedale San Giovanni Calibita Fatebenefratelli** Isola Tiberina via di Ponte 4 capi, 00186 Rome (Italy)

Dates 13 October 2008

Position held Radiologist, specialized in women's imaging

Name and address of employer: **Hospital Universitari Dexeus**, Gran via Carlos III 71-75, 08029, Barcelona, Spain

EDUCATION

01 October 1997 - 25 July 2002:

- Title of qualification awarded: **Graduated in Medicine**
Name of organisation providing education and training:
Universit  Campus Biomedico di Roma
Via  lvaro del Portillo, 00128 Rome (Italy)

10 October 2002 - 25 November 2006

- Title of qualification awarded: **Specialist in Radiology**
Name and type of organisation providing education and training: Policlinico Universitario Tor Vergata
Viale Oxford, 00133 Rome (Italy)

1 July 2001 - 1 October 2001

Erasmus: Departamento de Radiolog a, Clinica Universitaria di Navarra, Pamplona, Spain

1 December 2008 - 20 Julio 2010

- **Master en Patolog a mamaria:** Universidad de Barcelona

25-30 January 2010

- **Istituto Europeo di Oncologia di Milano:** observer in the breast unit

January 2010

- **Universidad Vall Hebron, Departamento materno-infantil:** training fetal MRI

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s): *Italian*

Other language(s):

English excellent understanding, speaking and writing;

Spanish very good understanding, speaking and writing;

French fair understanding.

TECHNICAL SKILLS AND COMPETENCES

- Mammography and breast ultrasound
- Breast magnetic resonance;
- Breast biopsy procedures;
- Gynecologic ultrasound;
- Body and pelvis tomography magnetic resonance.

Publications:

1: Orlacchio A, Bolacchi F, **Rotili A**, Cossu E, Tanga I, Cozzolino V, Simonetti G. MR breast imaging: a comparative analysis of conventional and parallel imaging acquisition. *Radiol Med.* 2008 Jun;113(4): 465-76.

2: Fanucci E, Fiaschetti V, **Rotili A**, Floris R, Simonetti G. Whole body 16-row multislice CT in emergency room: effects of different protocols on scanning time, image quality and radiation exposure. *Emerg Radiol.* 2007 Feb; 13(5):251-7.

3: V. Fiaschetti, E. Cossu, S. Fosi, I. Tanga, **A. Rotili**, E. Del Duca, G. Simonetti A case of adenosis and mastitis association: can those two benign lesions behave as DCIS? *EURORAD Radiological Case Database.*

4: Fernández-Cid M, Pascual MA, Graupera B, Hereter L, Cusidó MT, Tresserra F, **Rotili A**. Adult granulosa cell tumour of the ovary associated with pregnancy. *J Obstet Gynaecol.* 2011;31(3):272-4.

5: L. Casas, B. Úbeda, B. Navarro, F. Tresserra, J. Browne, **A. Rotili**. Biopsia con aguja gruesa de las lesiones mamaria bajo guía ecografica. *Rev Senologia Patol Mam.*

6: Pascual MA, Graupera B, Hereter L, **Rotili A**, Rodriguez I, Alcázar JL. Intra- and interobserver variability of 2D and 3D transvaginal sonography in the diagnosis of benign versus malignant adnexal masses. *J Clin Ultrasound.* 2011 Jul; 39(6):316-21.

7: Clauser P, Cassano E, De Nicolò A, **Rotili A**, Bonanni B, Bazzocchi M, Zuiani C. Foci on breast magnetic resonance imaging in high-risk women: cancer or not? *Radiol Med.* 2016 Aug; 121(8):611-7.

8: Rotili A, De Maria F, Di Venosa B, Ghioni M, Pizzamiglio M, Cassano E, Moratti M. Solitary breast neurofibroma: imaging aspects. *Ecancermedicalscience.* 2018 Jan 23; 12: 800. doi: 0.3332/ecancer.2018.800. eCollection 2018

- 9: Tabanelli V, Corsini C, Fiori S, Agostinelli C, Calleri A, Orecchioni S, Melle F, Motta G, **Rotili A**, Di Napoli A, Pileri SA. Recurrent PDL1 expression and PDL1 (CD274) copy number alterations in breast implant-associated anaplastic large cell lymphomas.
- 10 Pesapane F, Downey K, **Rotili A**, Cassano E, Koh DM. Imaging diagnosis of metastatic breast cancer. *Insights Imaging*. 2020 Jun 16;11(1):79. doi: 10.1186/s13244-020-00885-4.
- 11: Penco S, **Rotili A**, Pesapane F, Trentin C, Dominelli V, Faggian A, Farina M, Marinucci I, Bozzini A, Pizzamiglio M, Ierardi AM, Cassano E. MRI-guided vacuum-assisted breast biopsy: experience of a single tertiary referral cancer centre and prospects for the future. *Med Oncol*. 2020 Mar 27;37(5):36. doi: 10.1007/s12032-020-01358-w.
13. Pesapane F, Suter MB, **Rotili A**, Penco S, Nigro O, Cremonesi M, Bellomi M, Jereczek-Fossa BA, Pinotti G, Cassano E Will traditional biopsy be substituted by radiomics and liquid biopsy for breast cancer diagnosis and characterisation? *Med Oncol*. 2020 Mar 16;37(4):29. doi: 10.1007/s12032-020-01353-1
14. Pesapane F, Penco S, **Rotili A**, Nicosia L, Bozzini A, Trentin C, Dominelli V, Priolo F, Farina M, Marinucci I, Meroni S, Abbate F, Meneghetti L, Latronico A, Pizzamiglio M, Cassano E How we provided appropriate breast imaging practices in the epicentre of the COVID-19 outbreak in Italy. *Br J Radiol*. 2020 Oct 1;93(1114):20200679. doi: 10.1259/bjr.20200679. Epub 2020 Sep 2
15. **Rotili A**, Trimboli RM, Penco S, Pesapane F, Tantrige P, Cassano E, Sardanelli F Double reading of diffusion-weighted magnetic resonance imaging for breast cancer detection. *Breast Cancer Res Treat*. 2020 Feb; 180(1):111-120. doi: 10.1007/s10549-019-05519-y. Epub 2020 Jan 14
16. **Rotili A**, Ferrari F, Nicosia L, Pesapane F, Tabanelli V, Fiori S, Vanazzi A, Meneghetti L, Abbate F, Latronico A, Cassano E MRI features of breast implant-associated anaplastic large cell lymphoma. *Br J Radiol*. 2021 Sep 1;94(1125):20210093. doi: 10.1259/bjr.20210093. Epub 2021 May 2
- 17 Nicosia L, di Giulio G, Bozzini AC, Fanizza M, Ballati F, **Rotili A**, Lazzeroni M, Latronico A, Abbate F, Renne G, Addante F, Lucioni M, Cassano E, Mastropasqua MG. Complete Removal of the Lesion as a Guidance in the Management of Patients with Breast Ductal Carcinoma In Situ. *Cancers (Basel)*. 2021 Feb 18;13(4):868. doi: 10.3390/cancers13040868
- 18 Pesapane F, **Rotili A**, Botta F, Raimondi S, Bianchini L, Corso F, Ferrari F, Penco S, Nicosia L, Bozzini A, Pizzamiglio M, Origi D, Cremonesi M, Cassano E. Radiomics of MRI for the Prediction of the Pathological Response to Neoadjuvant Chemotherapy in Breast Cancer Patients: A Single Referral Centre Analysis. *Cancers (Basel)*. 2021 Aug 25;13(17):4271. doi: 10.3390/cancers13174271
- 19 Pesapane F, **Rotili A**, Penco S, Montesano M, Agazzi GM, Dominelli V, Trentin C, Pizzamiglio M, Cassano E. Inter-Reader Agreement of Diffusion-Weighted Magnetic Resonance Imaging for Breast Cancer Detection: A Multi-Reader Retrospective Study. *Cancers (Basel)*. 2021 Apr 20;13(8):1978. doi: 10.3390/cancers13081978.
- 20 Magnoni F, Alessandrini S, Alberti L, Polizzi A, **Rotili A**, Veronesi P, Corso G. Breast Cancer Surgery: New Issues. *Curr Oncol*. 2021 Oct 11;28(5):4053-4066. doi: 10.3390/curreoncol28050344
- 21 Corso G, Montagna G, Figueiredo J, La Vecchia C, Fumagalli Romario U, Fernandes MS, Seixas S, Roviello F, Trovato C, Guerini-Rocco E, Fusco N, Pravettoni G, Petrocchi S, **Rotili A**, Massari G, Magnoni F, De Lorenzi F,

Bottoni M, Galimberti V, Sanches JM, Calvello M, Seruca R, Bonanni B Hereditary Gastric and Breast Cancer Syndromes Related to CDH1 Germline Mutation: A Multidisciplinary Clinical Review..Cancers (Basel). 2020 Jun 17;12(6):1598. doi: 10.3390/cancers12061598

Congress:

European Congress of Radiology, Vienna 2006:

Contrast enhanced breast MRI at high magnetic fields (3 T) compared to 1.5T: Initial results.
Orlacchio, E. Cossu, C. Ittiresu, A. Rotili, I. Tanga, F. Bolacchi, G. Simonetti.

Radiology Society of North America (RSNA) meeting, Chicago 2006:

Cranio-Facial 16-row MSCT in Emergency Room: Effects of Different Scanning Protocols, Field of View, and Radiation Exposure on Image Quality and Diagnostic Information.
Rotili A, Fanucci E, Fiaschetti V, Simonetti G.

Congresso della Società italiana di radiologia (SIRM) Roma 2008

Valutazione RM della Neoplasia mammaria residua in pazienti sottoposte a chemioterapia neoadiuvante.
Rotili A, Moscone A, Cammarata R, De Fazio E, Bellelli A

Congreso de la Sociedad Española de Ginecología y Obstetricia Barcelona 2009

ELASTOGRAFÍA MAMARIA: UTILIDAD EN LA CARACTERIZACIÓN DE NÓDULOS Navarro Guri B, Rotili A, Ubeda Hernandez B; Casas L; Vallespi Ferre M; Wolf C.

MAMOGRAFIA, ECOGRAFIA Y RM MAMARIA EN LA INYECCION LIBRE DE HIDROGEL: A PROPOSITOS DE DOS CASOS Vallespi Ferre M, Ubeda Hernandez B, Browne JL, Navarro Guri B, Rotili A, Wolf C.

19th World Congress on Ultrasound in Obstetrics and Gynecology Hamburg 2009

US elastography: its potential role in evaluation of breast lesions
A. Rotili; B. Navarro; B. Ubeda; J. Browne; C. Wolf; M. Pascual

Mesh implants for surgical treatment of stress urinary incontinence: can 3D ultrasound help us to assess them?
Hereter L, Pascual MA, Graupera B, Porqueras R, Ruiz J, Rotili A.

Three dimensional power Doppler vs using local method can help distinguish endometriomas from haemorrhagic cyst?
Pascual MA, Rotili A, Graupera B, Hereter L, Tresserra F, Rodriguez I.

XIX FIGO World Congress of Gynecology & Obstetrics, Cape Town 2009

Three-dimensional ultrasonography inversion mode: application in adnexal mass.
Hereter L, Rotili A, Pascual MA, Graupera B, Cusido MT, Pedrero C.

European Congress of Radiology, Vienna 2010

1) ASSESSMENT OF TUMORAL SIZE OF BREAST CANCER WITH CONVENTIONAL ULTRASOUND AND US ELASTOGRAPHY.

Rotili A, Ubeda B, Wolf C, Tresserra F, Navarro B.

2) BREAST ELASTOGRAPHY: UTILE OR NOT?

Rotili A, Ubeda B, Navarro L, Rodriguez I, Tresserra F, Fabregas R

3) HIGH-RISK BREAST LESIONS AT CORE NEEDLE BIOPSY: RADIOGRAPHIC AND HISTOLOGICAL CORRELATION

Rotili A, Tresserra F, Ubeda B, Navarro B, Fabregas R, Rodriguez I.

44° Congresso Nazionale della Società italiana di Radiologia

L'elastografia mammaria: uno strumento per lo studio delle lesioni mammarie

A. Rotili, B. Navarro, B. Ubeda, L. Casas, C. Wolf, F. Tresserra*

Women's imaging unit Institut Universitari Dexeus, Barcelona, estero

* *Pathology Department Institut Universitari Dexeus, Barcelona, estero*

Ecografia 3D nella valutazione dei dispositivi intrauterini

M. Fernandez Cid, L. Hereter, M. Pascual, B. Graupera, C. Pedrero, A. Rotili

Women's imaging unit Institut Universitari Dexeus, Barcelona, estero

Endometriosi pelvica mediante studio di risonanza magnetica

A. Rotili, B. Ubeda, J. Browne, M. Vallespi, P. Barri*, C. Wolf

Women's imaging unit Institut Universitari Dexeus, Barcelona, estero

* *Gynecology, Obstetrics and Reproduction Department Institut Universitari Dexeus, Barcelona, estero*

2018 European Congress of Radiology

2019: X CONGRESSO ASSOCIAZIONE ITALIANA RISONANZA MAGNETICA IN MEDICINA:

BEST POSTER PRESENTATION

DWI as a stand-alone method for breast cancer detection: a retrospective analysis in our institution. A. Rotili, E. Cassano, F. Pesapane, S. Penco, M. R. Trimboli, F. Sardanelli

European Congress of Radiology 2019

Courses:

2007: "THE BREAST MRI INTERNATIONAL COURSE" in Florence

2008: "El Cáncer de Mama en el Tercer Milenio", Barcelona

2009: Breast Seminar László Tabár "Detection and Diagnosis of early breast cancer using the multimodality approach" Bologna

2009: 36 Symposium Internacional "Fertilidad 2009"

2019: "BREAST MRI: BASES AND CASES II", Milano, 31.05.2019