



# Roberto Maroncelli

## ISTRUZIONE E FORMAZIONE

01/10/2024 – ATTUALE Roma, Italia

**DOTTORATO DI RICERCA (PHD) IN NETWORK ONCOLOGY AND PRECISION MEDICINE** Università di Roma "La Sapienza"

IN CORSO

**Sito Internet** [https://phd.uniroma1.it/web/NETWORK-ONCOLOGY-AND-PRECISION-MEDICINE\\_nD3663\\_IT.aspx](https://phd.uniroma1.it/web/NETWORK-ONCOLOGY-AND-PRECISION-MEDICINE_nD3663_IT.aspx) |

**Campo di studio** NETWORK ONCOLOGY AND PRECISION MEDICINE | **Livello EQF** Livello 8 EQF

25/01/2021 – 10/01/2025 Roma, Italia

**SPECIALIZZAZIONE IN RADIODIAGNOSTICA** Università di Roma "La Sapienza"

**Sito Internet** <https://www.uniroma1.it/it/offerta-formativa/scuola-di-specializzazione/2019/radiodiagnostica> |

**Voto finale** 70/70 con Lode | **Livello EQF** Livello 7 EQF |

**Tesi** Radiomics-based MRI models for predicting axillary lymph node involvement in breast cancer: comparative study with NODE-RADS and pathological evaluation.

11/03/2024 – 11/06/2024 Madrid, Spagna

**FELLOWSHIP IN RADIOLOGIA SENOLOGICA ED INTERVENTISTICA** MD Anderson Cancer Center

Tutor: Silvia Perez Rodrigo

**Sito Internet** <https://mdanderson.es/>

09/2013 – 10/2019 Roma, Italia

**LAUREA MAGISTRALE A CICLO UNICO IN MEDICINA E CHIRURGIA LM-41** Università di Roma "La Sapienza"

<https://corsidilaurea.uniroma1.it/it/corso/2020/30007/cds>

**Indirizzo** Piazzale Aldo Moro, 5, 00185, Roma, Italia | **Sito Internet** <https://www.uniroma1.it/it/pagina-strutturale/home> |

**Campo di studio** Medicina e Chirurgia | **Voto finale** 110/110 con lode | **Livello EQF** Livello 7 EQF |

**Classificazione nazionale** Livello 7 EQF | **Tipo di crediti** 360 |

**Tesi** Il trattamento sistemico della psoriasi di grado severo: attualità e studio di confronto | **Materia:** Dermatologia | **Relatore:** Cantoresi Franca

2008 – 2013 Guidonia, Italia

**LICEO SCIENTIFICO INDIRIZZO BROCCA** IIS VIA ROMA 298 - "Ex E. Majorana/Ex L. Pisano"

**Indirizzo** 00012, Guidonia, Italia

## COMPETENZE LINGUISTICHE

Lingua madre: **ITALIANO**

Altre lingue:

	COMPRESIONE		ESPRESSIONE ORALE		SCRITTURA
	Ascolto	Lettura	Produzione orale	Interazione orale	
<b>INGLESE</b>	B2	C1	B2	B2	C1

	COMPRESIONE		ESPRESSIONE ORALE		SCRITTURA
	Ascolto	Lettura	Produzione orale	Interazione orale	
<b>SPAGNOLO</b>	B2	B2	B2	B2	B2

Livelli: A1 e A2: Livello elementare B1 e B2: Livello intermedio C1 e C2: Livello avanzato

## COMPETENZE

Padronanza del Pacchetto Office (Word Excel PowerPoint ecc) | Posta elettronica | Microsoft Office | Windows | Gestione autonoma della posta e-mail | Android | Utilizzo del browser | Google | Social Network | GoogleChrome | InternetExplorer | office | Buona padronanza del pc dei software ad esso correlati e del pacchetto Office | Instagram | Sistemi Operativi Windows 9XNT2000XPVistaSeven8Windows 10 Android | Outlook | configurazione pc | Elaborazione delle informazioni | Gmail | Ottima conoscenza della Suite Office (Word Excel Power Point) | - Buone competenze nell'uso delle piattaforme Windows MacOS Android iOS

## PUBBLICAZIONI

2025

### [Deep Learning with Transfer Learning on Digital Breast Tomosynthesis: A Radiomics-Based Model for Predicting Breast Cancer Risk](#)

Galati F, **Maroncelli R**, De Nardo C, Testa L, Barcaroli G, Rizzo V, Moffa G, Pediconi F.

Deep Learning with Transfer Learning on Digital Breast Tomosynthesis: A Radiomics-Based Model for Predicting Breast Cancer Risk.

Diagnostics (Basel). 2025 Jun 26;15(13):1631. doi: 10.3390/diagnostics15131631. PMID: 40647630; PMCID: PMC12249188.

Diagnostics

2025

### [Contrast-enhanced mammography for breast cancer detection and diagnosis with high concentration iodinated contrast medium](#)

Pediconi F, Speranza A, Moffa G, **Maroncelli R**, Coppola S, Galati F, Bernardi C, Maccagno G, Pugliese D, Catalano C, Laghi A, Rizzo V.

Contrast-enhanced mammography for breast cancer detection and diagnosis with high concentration iodinated contrast medium.

Insights Imaging. 2025 Jun 14;16(1):124. doi: 10.1186/s13244-025-01994-8. PMID: 40515880; PMCID: PMC12167179.

Insights into Imaging

2024

### [BPE on contrast-enhanced mammography: relationship with breast density, age and menopausal status](#)

Moffa G, Galati F, Spagnoli A, Fabrizi E, **Maroncelli R**, Coppola S, Rizzo V, Pediconi F.

BPE on contrast-enhanced mammography: relationship with breast density, age and menopausal status.

Radiol Med. 2025 Jan;130(1):74-80. doi: 10.1007/s11547-024-01912-w. Epub 2024 Nov 13. PMID: 39535654.

La Radiologia Medica

2024

### [Probing clarity: AI-generated simplified breast imaging reports for enhanced patient comprehension powered by ChatGPT-4o](#)

**Maroncelli R**, Rizzo V, Pasculli M, Ciccirelli F, Macera M, Galati F, Catalano C, Pediconi F.

Probing clarity: AI-generated simplified breast imaging reports for enhanced patient comprehension powered by ChatGPT-4o.

Eur Radiol Exp. 2024 Oct 30;8(1):124. doi: 10.1186/s41747-024-00526-1. PMID: 39477904; PMCID: PMC11525358.

2024

[Ultrasound-guided cryoablation of early breast cancer: safety, technical efficacy, patients' satisfaction, and outcome prediction with MRI/CEM: a pilot case-control study](#)

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Galati F, Pasculli M, **Maroncelli R**, Rizzo V, Moffa G, Cerbelli B, d'Amati G, Catalano C, Pediconi F.

Ultrasound-guided cryoablation of early breast cancer: safety, technical efficacy, patients' satisfaction, and outcome prediction with MRI/CEM: a pilot case-control study.

Eur Radiol Exp. 2024 Oct 22;8(1):120. doi: 10.1186/s41747-024-00515-4. PMID: 39436590; PMCID: PMC11496432.

European Radiology Experimental

2024

[Unusual application of twinkling artifact](#)

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Drudi FM, **Maroncelli R**, Angelini F, Renda M, Maglia G, Bertolotto M, Cantisani V.

Unusual application of twinkling artifact. J Ultrasound. 2024 Jun 19. doi: 10.1007/s40477-023-00861-w. Epub ahead of print. PMID: 38896396.

Journal of Ultrasound

2024

[Performance of MRI for standardized Lymph Nodes assessment in Breast Cancer: are we ready for Node-RADS?](#)

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Pediconi F, **Maroncelli R**, Pasculli M, Galati F, Moffa G, Marra A, Polistena A, Rizzo V.

Pediconi F, Maroncelli R, Pasculli M, Galati F, Moffa G, Marra A, Polistena A, Rizzo V. Performance of MRI for standardized lymph nodes assessment in breast cancer: are we ready for Node-RADS? Eur Radiol. 2024 Jun 12. doi: 10.1007/s00330-024-10828-y. Epub ahead of print. PMID: 38867119.

Eur Rad

2024

[Could breast multiparametric MRI discriminate between pure ductal carcinoma in situ and microinvasive carcinoma?](#)

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Rizzo V, Cicciarelli F, Galati F, Moffa G, **Maroncelli R**, Pasculli M, Pediconi F.

Could breast multiparametric MRI discriminate between pure ductal carcinoma in situ and microinvasive carcinoma? Acta Radiol. 2024 Jan 9;2841851231225807. doi: 10.1177/02841851231225807. Epub ahead of print. PMID: 38196268.

Acta Radiol

2024

[Cryoablation for the treatment of breast cancer: immunological implications and future perspectives. Utopia or reality?](#)

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Galati F, Marra A, Cicciarelli F, Pasculli M, **Maroncelli R**, Rizzo V, Moffa G, Pediconi F.

Cryoablation for the treatment of breast cancer: immunological implications and future perspectives. Utopia or reality? Radiol Med. 2024 Feb;129(2):222-228. doi: 10.1007/s11547-024-01769-z. Epub 2024 Jan 31. PMID: 38296892; PMCID: PMC10879305.

Radiol Med

2023

[Diagnostic Performance of Contrast-Enhanced Digital Mammography versus Conventional Imaging in Women with Dense Breasts](#)

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Moffa G, Galati F, **Maroncelli R**, Rizzo V, Cicciarelli F, Pasculli M, Pediconi F.

Diagnostic Performance of Contrast-Enhanced Digital Mammography versus Conventional Imaging in Women with Dense Breasts. *Diagnostics (Basel)*. 2023 Jul 28;13(15):2520. doi: 10.3390/diagnostics13152520. PMID: 37568883; PMCID: PMC10416841.

Diagnostics

2022

[MRI as a biomarker for breast cancer diagnosis and prognosis](#)

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Galati F, Rizzo V, Trimboli RM, Kripa E, **Maroncelli R**, Pediconi F.

MRI as a biomarker for breast cancer diagnosis and prognosis. *BJR Open*. 2022 May 26;4(1):20220002. doi: 10.1259/bjro.20220002. PMID: 36105423; PMCID: PMC9459861.

BJR|Open

2022

[Diagnostica senologica: esperienze di pratica clinica - Chirurgia estetica e ricostruttiva](#)

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Carocci Editore

2021

[Diagnostica senologica: esperienze di pratica clinica - Stadiazione locale](#)

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Carocci Editore

2021

[Diagnostica senologica: esperienze di pratica clinica - Mammella secernent](#)

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Carocci Editore

## ● COMUNICAZIONI ORALI

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24/03/2025

**Radiomics-based MRI models for predicting breast cancer axillary lymph node involvement in comparison with Node-RADS**

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XIII CONGRESSO AIRMM, ISMRN | ITALIAN CHAPTER

R. Maroncelli, L. De Leo\*, V. Rizzo, M. Pasculli, F. Cicciarelli, F. Pediconi, C. Catalano

\*Presenter

23/06/2024

**Valutazione standardizzata dei linfonodi regionali nel tumore mammario: ruolo chiave del Noderads.**

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51° CONGRESSO NAZIONALE SIRM

Maroncelli R. \*, Galati F. , Pasculli M. , Cicciarelli F. , Rizzo V. ' Pediconi F.

\*presenter

28/02/2024 – 03/03/2024

**Performance of the node-RADS scoring system for standardised magnetic resonance imaging assessment of lymph nodes in breast cancer.**

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European Society of Radiology – European Congress of Radiology 2024

R. Maroncelli\*, F. Pediconi, M. Pasculli, A. Marra, F. Cicciarelli, V. Rizzo, G. Moffa, F. Galati, C. Catalano; Rome/IT

\*presenter

30/09/2023 – 30/09/2023

**Performance of Node-RADS Scoring System for a Standardized Assessment of Regional Lymph Nodes in Breast Cancer Patients**

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EUSOBI congress 2023

R. Maroncelli\*, M. Pasculli, A. Marra, F. Ciciarelli, F. Pediconi  
\*presenter

14/09/2023

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## **Performance of Node-RADS Scoring System for a Standardized Assessment of Regional Lymph Nodes in Breast Cancer Patients**

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XIV Congresso AIRMM 2023

R. Maroncelli\*, F. Galati, M. Pasculli, A. Marra, F. Ciciarelli, V. Rizzo, F. Pediconi  
\*presenter

01/03/2023 – 01/03/2023

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## **ICE STUDY - To detect cryoimmunologic response induced by ultrasound-guided Cryoablation on early breast cancer: preliminary results**

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European Society of Radiology - European Congress of Radiology 2023

F. Galati, M. Pasculli, V. Rizzo, G. Moffa, A. Della Valle, R. Maroncelli\*, F. Ciciarelli, F. Pediconi  
\*presenter

01/03/2023 – 01/03/2023

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## **Is there a correlation between body composition parameters and prognosis in patients with metastatic breast cancer treated with cyclin-dependent kinase (CDK) 4/6 inhibitors?**

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European Society of Radiology - European Congress of Radiology 2023

M. Pasculli\*, F. Pediconi, F. Galati, V. Rizzo, G. Moffa, R. Maroncelli, F. Ciciarelli  
\*presenter

24/11/2022 – 24/11/2022

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## **Can breast MRI discriminate between pure ductal carcinoma in situ (DCIS) and microinvasive ductal carcinoma (CDIm)?**

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XIII CONGRESSO AIRMM, ISMRN | ITALIAN CHAPTER

F. Ciciarelli\*, F. Pediconi, F. Galati, V. Rizzo, G. Moffa, M. Pasculli, R. Maroncelli  
\*presenter

06/10/2022 – 06/10/2022

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## **Performance diagnostica della mammografia con mezzo di contrasto rispetto alle tecniche di imaging tradizionale in pazienti con mammella densa.**

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50° CONGRESSO NAZIONALE SIRM

Moffa G.\*, Galati F., Maroncelli R., Rizzo V., Pediconi F.  
\*presenter

16/12/2021 – 16/12/2021

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## **MRI features of triple-negative vs non triple-negative breast cancer: can MRI biomarkers predict pathological results?**

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XII Congresso AIRMM, Virtual edition, online

G. Moffa, R. Maroncelli\*, F. Galati, V. Rizzo, E. Kripa, F. Pediconi  
\*presenter

15/11/2021 – 15/11/2021

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## **Efficacia della ceus nella diagnosi del carcinoma a cellule uroteliali del tratto urinario superiore**

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XXVIII congresso nazionale SIUMB, Roma, Italia

F. Angelini\*, R. Maroncelli, F.M. Drudi  
\*presenter

15/11/2021 – 15/11/2021

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## **Ruolo dell'urosonografia minzionale con contrasto nella diagnosi e valutazione del reflusso nel rene trapiantato**

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XXVIII Congresso nazionale SIUMB, Roma, Italia

F. Angelini\*, R. Maroncelli, F.M. Drudi  
\*presenter

14/11/2021 – 14/11/2021

## Applicazioni non usuali del twinkling artifact

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XXVIII Congresso nazionale SIUMB, Roma, Italia

R. Maroncelli\*, F. Angelini, F.M. Drudi

\*presenter

## ● PRESENTAZIONI POSTER

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12/03/2025

### **Radiomics-based MRI models for predicting breast cancer axillary lymph node involvement in comparison with Node-RADS**

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European Society of Radiology – European Congress of Radiology 2025

R. Maroncelli\*, V. Rizzo, M. Pasculli, F. Ciciarelli, F. Pediconi, C. Catalano

\*Presenter

02/10/2024

### **Beyond Node-RADS: Radiomics Assessment of Axillary Lymph Nodes in Breast Cancer Using Magnetic Resonance Imaging.**

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EUSOBI Congress 2024

R. Maroncelli\*, M. Pasculli, F. Ciciarelli, F. Galati, G. Moffa, V. Rizzo, F. Pediconi

\*presenter

02/10/2024

### **Probing Clarity: A Prospective Investigation of AI-Generated Simplified Breast Imaging Reports for Enhanced Patient Comprehension.**

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EUSOBI Congress 2024

R. Maroncelli\*, F. Ciciarelli, M. Pasculli, V. Rizzo, G. Moffa, F. Galati, F. Pediconi

\*presenter

26/11/2023 – 30/11/2023

### **Performance of Node-RADS Scoring System for a Standardized Assessment of Regional Lymph Nodes in Breast Cancer Patients**

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RSNA - RSNA Congress 2023

R. Maroncelli\*, M. Pasculli, F. Ciciarelli, V. Rizzo, F. Galati, F. Pediconi, C. Catalano;

\*presenter

28/09/2023 – 30/09/2023

### **Performance of Node-RADS Scoring System for a Standardized Assessment of Regional Lymph Nodes in Breast Cancer Patients**

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EUSOBI Congress 2023

R. Maroncelli\*, M. Pasculli, A. Marra, F. Ciciarelli, F. Pediconi

\*presenter

28/09/2023 – 30/09/2023

### **Diagnostic performance of contrast-enhanced digital mammography versus conventional imaging in women with dense breasts**

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EUSOBI Congress 2023

R. Maroncelli\*, M. Pasculli, A. Marra, F. Ciciarelli, F. Pediconi

\*presenter

28/09/2023 – 30/09/2023

### **Intraindividual Comparison of contrast-enhanced magnetic resonance imaging and contrast-enhanced mammography in the evaluation of background parenchymal enhancement in patients with dense breast.**

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EUSOBI Congress 2023

R. Maroncelli\*, M. Pasculli, A. Marra, F. Ciciarelli, F. Pediconi

\*presenter

01/03/2023

**Intraindividual Comparison of contrast-enhanced magnetic resonance imaging and contrast-enhanced mammography in the evaluation of background parenchymal enhancement in patients with dense breast.**

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European Society of Radiology – European Congress of Radiology 2023

R. Maroncelli\*, F. Galati, V. Rizzo, G. Moffa, F. Cicciarelli, F. Pediconi

\*presenter

01/03/2023

**Can breast MRI discriminate between pure ductal carcinoma in situ (DCIS) and microinvasive ductal carcinoma (CDIm) ?**

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European Society of Radiology – European Congress of Radiology 2023

F. Cicciarelli\*, F. Pediconi, F. Galati, V. Rizzo, G. Moffa, M. Pasculli, R. Maroncelli

\*presenter

16/11/2022

**Can MRI-derived biomarkers with parameters pathological identify patients who need Oncotype DX Breast Recurrence Score?**

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XIII CONGRESSO AIRMM, ISMRN | ITALIAN CHAPTER

M. Pasculli\*, F. Galati, V. Rizzo, G. Moffa, F. Cicciarelli, R. Maroncelli, F. Pediconi

\*presenter

16/11/2022

**Intraindividual Comparison of contrast-enhanced magnetic resonance imaging and contrast-enhanced mammography in the evaluation of background parenchymal enhancement in patients with dense breast**

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XIII CONGRESSO AIRMM, ISMRN | ITALIAN CHAPTER

R. Maroncelli\*, F. Galati, V. Rizzo, G. Moffa, F. Cicciarelli, F. Pediconi

\*presenter

10/2022

**Applicazioni non usuali del twinkling artifact**

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XXVIII Congresso nazionale SIRM, Roma, Italia

Maroncelli R.\*, Angelini F., Renda M., Drudi F.

\*referente

10/2022

**La mammografia con mezzo di contrasto può rappresentare un'alternativa alla risonanza magnetica con mezzo di contrasto in mammelle caratterizzate da marcato potenziamento ghiandolare di fondo?**

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50° Congresso nazionale SIRM, Roma, Italia

Maroncelli R.\*, Galati F., Moffa G., Rizzo V., Pediconi F.

\*presenter

10/2022

**Performance diagnostica della mammografia con mezzo di contrasto rispetto alle tecniche di imaging tradizionale in pazienti con mammella densa.**

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50° Congresso nazionale SIRM, Roma, Italia

Moffa G.\*, Galati F., Maroncelli R., Rizzo V., Pediconi F.

\*presenter

01/03/2022

**Diagnostic performance of contrast-enhanced digital mammography versus conventional imaging in women with dense breasts**

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European Society of Radiology – European Congress of Radiology 2023

R. Maroncelli\*, V. Rizzo, M. Pasculli, F. Cicciarelli, F. Pediconi, C. Catalano

\*presenter

01/03/2022

## **MRI as a biomarker for breast cancer diagnosis and prognosis**

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European Society of Radiology – European Congress of Radiology 2023  
F. Galati, R. Maroncelli\*, V. Rizzo, M. Pasculli, F. Cicciarelli, F. Pediconi, C. Catalano  
\*presenter

### ● **LICENZE E CERTIFICAZIONI**

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06/06/2025 – 08/06/2025

#### **EUSOBI Breast MRI Training Course – “Breast imaging with MRI, opening to CEM”**

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European Society of Breast Imaging (EUSOBI)

28/06/2024 – 29/06/2024

#### **Breast Intervention Masterclass 2024**

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[The Royal College of Surgeons of England](#)

*The Breast Intervention Masterclass 2024 has been awarded 6 CPD points and has been accredited by the Royal College of Surgeons.*

*The accredited standards of this course are validated by the Royal College of Surgeons, however it is the responsibility of the Health care professional / physician to validate the CPD points via their own governing body.*

11/2021 – 11/2021

#### **CORSO TEORICO DI FORMAZIONE IN ULTRASONOLOGIA**

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SIUMB (Società Italiana di Ultrasonologia in Medicina e Biologia)

03/2021 – 03/2021

#### **IL RISCHIO NELLE STRUTTURE SANITARIE**

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Università degli Studi di Roma "UnitelmaSapienza"  
ID credenziale bHKzDtAv4q

11/2020 – 11/2020

#### **PBLSD & BLSL - PEDIATRIC & BASIC LIFE SUPPORT & DEFIBRILLATION ESECUTORE**

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INTUBATIEM APS accreditato dalla regione Lazio  
ID credenziale 144203

11/2020 – 11/2020

#### **ACLS - ADVANCED CARDIAC LIFE SUPPORT**

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Safety & Health Institute  
ID credenziale 2575772

11/2020 – 11/2020

#### **PTC - PREHOSPITAL TRAUMA BASIC COURSE & MASSIVE BLEEDING MANAGEMENT**

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INTUBATIEM APS

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*Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - “Codice in materia di protezione dei dati personali” e dell'art. 13 GDPR 679/16 - “Regolamento europeo sulla protezione dei dati personali”.*

Roma , 07/08/2025



Roberto Maroncelli