Alessandro Catanese

Home : Carrer Industria 135, 1-2, 08025, Barcelona, Spain

Email: a.catanese@gmail.com   **Phone:** (+34) 645774913

LinkedIn: https://www.linkedin.com/in/alessandro-catanese-971a698b/

Date of birth: 28 Mar 1977   **Nationality:** Italian

ABOUT ME

Experienced radiologist with over 8 years of professional experience.

Teaching, innovation, and research are my areas of special interest.

I collaborate actively with multidisciplinary research groups in Artificial Intelligence and Radiomic applied to radiology, aiming to provide personalized medicine to the patient.
My involvement in these projects underscores my professional commitment to innovation.

I am currently enrolled in a Post Graduate Certificate course in Digital Leadership and Transformation at the Technological University of Dublin, which is expanding my knowledge in managing digital transformation and innovation processes in the healthcare industry

WORK EXPERIENCE

[1 May 2024 – Current]   **Consultant Radiologist**

Hospital CIMA

City: Barcelona | **Country:** Spain

Freelance consultant radiologist

[5 Apr 2024 – Current]   **Consultant Radiologist**

Affidea Healthcare

City: Barcelona | **Country:** Spain

Freelance consultant Radiologist

[Jun 2023 – Dec 2023]   **Consultant Radiologist**

Breastcheck

City: Cork | **Country:** Ireland

Consultant Breast Radiologist

[Jun 2023 – Dec 2023]   **Consultant Radiologist**

HSE - Cork University Hospital

City: Cork | **Country:** Ireland

Consultant Radiologist

[Sep 2018 – May 2023]   **Consultant Radiologist**

ICS - Hospital Germans Trias i Pujol

City: Badalona | **Country:** Spain

Consultant Radiologist full time

[Feb 2017 – Sep 2018] **Consultant Radiologist**

Hospital Dexeus Salud de la Mujer

City: Barcelona | **Country:** Spain

Consultant Radiologist

[Oct 2015 – Jan 2017] **Consultant Radiologist**

Azienda Unita Sanitaria Locale di Imola

City: Imola | **Country:** Italy

Consultant Radiologist

[Sep 2015 – Sep 2015] **Radiologist Observer**

Nottingham Breast Institute & Blamey Educational Centre (NHS)

City: Nottingham | **Country:** United Kingdom

Internship at Nottingham Breast Institute - National Health System United Kingdom

[Jun 2012 – Jan 2013] **Internship in Clinical Radiology**

Hospital Universitari Bellvitge

City: Barcelona | **Country:** Spain

Internship in Clinical Radiology within the Erasmus Placement Programme

EDUCATION AND TRAINING

[1998 – 2009] **Bachelor of Medicine and Surgery**

University of Bologna   https://www.unibo.it/it

City: Bologna | **Country:** Italy |

[2010 – 2015] **Clinical Radiologist**

University of Bologna   https://www.unibo.it/it

City: Bologna | **Country:** Italy |

[30 Sep 2023 – Current] **Post Graduate Certificate in Digital Leadership and Transformation**

Technological University Dublin   https://www.tudublin.ie/

City: Dublin | **Country:** Ireland |

[2020 – 2020] **Transformative Digital Skills for Healthcare**

European Institute of Innovation and Technology (EIT) - Health

Field(s) of study: Health and welfare

Professional Development Course

[2021 – 2021] **HelloAI Professional Edition**

European Institute of Innovation and Technology (EIT) - Health

Field(s) of study: Health and welfare: ● *Inter-disciplinary programmes and qualifications involving health and welfare*

Professional Development Course

[13 Jan 2024] **Elements of AI Introduction to AI - Open University studies**

University of Helsinky

City: Helsinki | **Country:** Finland | | **Type of credits:** ECTS | **Number of credits:** 2

Open Courses

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

Spanish

LISTENING C2 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Microsoft Word | Microsoft Office | Microsoft Excel | Microsoft Powerpoint | Google Drive | Zoom | Skype

Skills

Leadership, Critical thinking and Emotional Intelligence | Good Communication and Writing Skills | Research and analytical skills | Ability to work in a team and autonomously | Demonstrated leadership skills and a team player. | Creativity and Attention to Detail. | Able to adapt to new situations and system. | Organizational and planning skills

COMMUNICATION AND INTERPERSONAL SKILLS

Oral Communication

Expert in delivering lectures and presentations at conferences, to medical students, to trainees in radiology and to other specialist colleagues.

Interpersonal Skills

Expert in collaborating with multidisciplinary teams and professionals across various healthcare settings.

Collaboration

Expert in working collaboratively with colleagues in research projects, clinical practice, and teaching.

Emotional Intelligence

Procifient in understanding and managing my own emotions and those of others, facilitating better teamwork and patient interactions.

Creativity

Excellent at generating innovative ideas and approaches, particularly in the fields of digital transformation and healthcare innovation.

Critical Thinking

Expert in analyzing complex problems and making informed decisions, especially in diagnostic and research settings.

Work Ethics

Excellent dedication and commitment to professional responsibilities and continuous improvement.

Problem Solving

Proficient in identifying issues and developing effective solutions in both clinical and research environments.

PUBLICATIONS

[2024] **RADIOLOGISTS AND TRAINEES' PERSPECTIVES ON ARTIFICIAL INTELLIGENCE**

Reference: A. Catanese, G. Mattiello, S. Azam, P. Puyalto - Radiología,2024, ISSN 0033-8338

[2023] **HIGH-RESOLUTION SYNTHESIS OF HIGH-DENSITY BREAST MAMMOGRAMS: APPLICATION TO IMPROVED FAIRNESS IN DEEP LEARNING BASED MASS DETECTION**

Reference: Garrucho Lidia, Kushibar Kaisar, Osuala Richard, Diaz Oliver, Catanese Alessandro, et al. Front.Onc

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[2021] **ADVANTAGES OF PREOPERATIVE LOCALIZATION AND SURGICAL RESECTION OF METASTATIC AXILLARY LYMPH NODES USING MAGNETIC SEEDS AFTER NEOADJUVANT CHEMOTHERAPY IN BREAST CANCER**

Reference: Martínez A, Vives Roselló I, Salazar Gómez A, Catanese A et al. Surg Oncol. 2021

[2021] **UTILIDAD DEL SPECT-CT EN LA BIOPSIA DEL GANGLIO CENTINELA TRAS QUIMIOTERAPIA NEOADYUVANTE EN CÁNCER DE MAMA Y AXILA POSITIVA**

Reference: Montserrat Solà Suárez, Antonio Mariscal Martínez, Paula Rodríguez Martínez, Alessandro Catanese

[2017] **APPLICATION OF INTRAVOXEL INCOHERENT MOTION (IVIM) MAGNETIC RESONANCE IMAGING IN THE EVALUATION OF PRIMITIVE BRAIN TUMOURS.**

Reference: Catanese A. et al. - Neuroradiol J. 2017

PROJECTS

Reliable and multi-centric artificial intelligence for the medical image of the future in Spain (Future-Es)

Principal investigator

Robust radiomic features with clinical data modelling for characterizing common cancers aggressiveness and prognosis through computer analysis of multimodal radiological images (RadioCancers)

Research Collaborator