PERSONAL INFORMATION	Vito Cantisani
	Viale Regina Margherita 244, int. 8 00198, Roma
	☎ +39-06490243
	✉ vito.cantisani@uniroma1.it ORCID **0000-0003-1525-214X**
	Sex Male | Date of birth 20/08/1974 | Nationality Italian
CURRENT POSITION SSD (if applicable)	**Associate Professor of Radiology (MED 36)** at University Sapienza, Rome **Vice-Dean of Medicine and Dentistry**, Univ. Sapienza, Rome **Chairman of Teleradiology Complex Unit, Polo Reatino,** Univ. Sapienza
RESEARCH TOPICS / EXPERIENCES	Ultrasound, CEUS and Elastography, MPUS CT, Conventional Radiography MRI of chest and abdomen, Artificial Intelligence, Radiomics
SCIENTIFIC / TECHNICAL QUALIFICATION *(source: Scopus)*	▪ H-index: ▪ 50 ▪ No. publications: ▪ 265 ▪ No. citations: ▪ 10330
THEMATIC AREA KEYWORDS *(it is possibile to select one or more than one thematic area)*	▪ US ▪ ▪ Radiology ▪ ▪ Artificial Intelligence ▪ ▪ US-elastography

EDUCATION AND TRAINING

1993 - 1999	**Medical Degree** (21.07.1999), Sapienza, University of Rome **110 Cum Laude**
05.2000	**Licence to Practice as Physician and Surgeon**
1999 - 2003	Residency school of Radiology /**Radiologist** (22.10.2003), Sapienza, University of Rome, cum Laude
2001	**Visiting Fellow** at the Johns Hopkins Hospital in Baltimore, Johns Hopkins Hospital in Baltimore
2002	Fellowship Research **in Abdominal Radiology,** Brigham and Women's Hospital (BWH), Boston, Harvard Medical School
2003	Attended Radiologic Pathology Course, **Armed Forces Institute of Pathology (AFIP)** in Walter Reed in Washington

2010	**Ph.D in Thoracic and Cardiovascular Pathophysiology and Imaging,** Sapienza, University of Rome
2014 2020	**Master in Health Management, Sapienza**, University of Rome Update of Master in Health Management
2014	**Licenced as Assoc. Professors in Radiology** (MED-36) in 2012 at National Scientific Licence (competition held in 2012)
2017	**Licenced as Full Professor in Radiology** (MED-36) in 2012 atNational ScientificLicence (competition held in 2016).

WORK EXPERIENCE

From 06.2004 –current	occupation or position held
	Staff Specialist in Radiology in Department of Oncologic, Pathologic and Radiological Sciences, Policlinico Umberto I, University Sapienza of Rome
2016-current	occupation or position held
Jen 2023 March 2020 14 Feb 2019-15 Feb 2022 15 Febr 2022	Chairman of US Unit, Policlinico Umberto I, Viale del Policlinico, 155, 00161 Roma RM Chairman of Teleradiology Complex Unit, Polo Reatino, Univ. Sapienza Vice-Dean of Medicine and Dentistry Faculty, Sapienza, Univ. of Rome Ass. Prof of Radiology Associate Prof of Radiology
2020 TO DATE	occupation or position held
	Member of Ethic Committee Policlinico Umberto I-San Andrea Univ.Sapienza Member of Ethic Committee Regionale Lazio Area 1
2021-current	PRIN Evaluator
2021-current	Italian Navy Seals Scientific Committee Member
2019-2020 2019-2022	Research evaluation Committee member. Sapienza university Member of the Research Commission of the Department of Radiological, Oncological and Pathological Sciences

MAIN ROLES AND RESPONSIBILITIES

	Editor of - **Editor of Ultrasound International Open** (3.2 IF) since 2014 to date - Editor of Journal of Ultrasound (IF: 2) from 2014 to 2016 - **Editor of Ultraschall EJU (3.4 of IF)** since 2017 to date - Editorial Board Member of Eur Radiology from 2014-2019 - Editorial Board Member of Med Ultrasonography from 2016 to date - Editorial Board Member of Radiologia Medica (8.9 of IF) from 2021

	Reviewer for: - European Journal of Radiology - European Journal of Ultrasound - Endocrine European Journal of Radiology Open - Acta Radiologica - Scientific World Journal - Medical Ultrasonography - Journal of Clinical Endocrinology and Metabolism PLoS One
	Guest Leading Editor of the EJR Special Issue about Ultrasound Elastography
….	Guest Leading Editor of the EJR Special Issue about Contrast-Enhanced Ultrasound Guest Leadinf Editor of JCM special issue
	Member of the EFSUMB Editorial Board which published the EFSUMB Guidelines about US-Elastography, liver and non-liver CEUS and Interventional Ultrasound Leader of MPUS Thyroid Guidelines, Steering Committee Member of MPUS Breast and testis EFSUMB Guidelines
	Co-Leading Author of EFSUMB Position Paper about Pediatric Applications of CEUS Leading Author of EFSUMB Position Paper on CEUS Bosniak Classification
	MEMBER OF THE EDITORIAL BOARD WHICH PUBLISHED THE WFUMB GUIDELINES ON THYROID AND PROSTATE ELASTOSONOGRAPHY (2016)
	MEMBER OF THE STEERING COMMITTEE FOR THE PUBLICATION OF THE NEW GUIDELINES FOR LIVER AND MPUS SUPERFICIAL ORGANS ELASTOGRAPHY
	CO-INVESTIGATOR IN SEVERAL DEPARTMENT PROJECTS
	Member of the commission who produced the Italian Guidelines of Liver Imaging published with the Istituto Superiore di Sanità with the support of the Ministry of Health (2008) Member of University Sapienza Research Committee MEMBER OF POLICLINICO UMBERTO I, SAN ANDREA, UNIV. SAPIENZA, ETHIC COMMITTEE
	MEMBER OF THE SCIENTIFIC COMMITTEE OF MASTER IN CLINICAL ULTRASONOGRAPHY HELD IN UNIVERSITY OF CATANIA (ITALY) IN 2011-2012
	MEMBER OF THE EFSUMB EDUCATIONAL COMMITTEE

SERVICE TO NATIONAL AND INTERNATIONAL COMMUNITY

From June to now: From May 2023 From February 2023 From Sept 2022 to date From October 2021	▪ Member of Ethic Committee Regionale Lazio Area 1 ▪ EFSUMB President Elect ▪ Radiographers School, Univ, Sapienza, Polo Reatino ▪ Vice-Chaiman of Radiotherapy Residency, Univ. Sapienza ▪ Elected SIRM US Chapter Chairman
From January 2021- current	▪ Vice-Dean of Medicine and Dentistry, Univ. Sapienza, Rome
From January 2021- 2023	▪ EFSUMB Honorary Treasurer
From June 2020 –current	▪ Vice-President of TSRM Course at Sapienza University, Polo Santo Spirito

From May 2022-to date From March 2020- May2022	▪ SIUMB Past President ▪ ▪ SIUMB President
From January 2020- current	▪ Policlinico Umberto I,Sapienza University Ethics Committee Member
From June 2019 – 2021	▪ Elected Member of the University Research Committee of the Sapienza University
From March 2019 – current	▪ Member of the Research Commission of the Department of Radiological, Oncological and Pathological Sciences
From 2019 – 2021	▪ EFSUMB Honorary Secretary
2017- March 2020	▪ Elected SIUMB President
From 2017 – to 2019	▪ EFSUMB Publication Committee Chairman
from 2014 – to 2018	▪ Member of the council of SIRM Ultrasound Chapter;
From 2013 – to 2017	▪ EFSUMB EPSC Chairman
From 2013 - to 2015	▪ SIUMB Distance Learning Responsible
From 2012 – to 2013	▪ Regional Section of SIUMB (Lazio) Responsible
From 2011 – to 2013	▪ SIRM Contrast Media Section Chairman
From 2011 – to 2013	▪ EFSUMB EPSC Co-opted Member
From 2008 – to 2012	▪ SIUMB Contrast Media President
2011	▪ SIUMB Technical Chairman
From 2011	▪ Webmaster EFSUMB
From 2008 – to 2011	▪ SIRM Contrast Media Section Secretary
2010	▪ FAS entitled "Imaging of the neck and abdomen" at the Policlinico Umberto I in July 2010
From 2006 – to 2008	▪ SIUMB Contrast Media Chapter Secretary

TEACHING EXPERIENCE

2021-current	Prof. at Residency School in Anesthesia, Intensive Care and Pain, Univ. Sapienza, Rome
	Prof. at Residency School in Nuclear Medicine, Univ. Sapienza, Rome
From 2020- current	Prof. at PhD in Innovative Biomedical Technologies in Clinical Medicine, Univ. Sapienza, Rome
From 2018-current	Prof. of Medicine and Surgery II Course at Channel 'D' University Sapienza of Rome From 2019-current Prof. of Diagnostic Imaging Course at Channel 'D' University Sapienza of Rome Prof. of US, Head and Neck at School of Residency in Radiology,
From 2019- current	Prof. of IMAGING DIAGNOSIS 2 at Techniques of medical radiology, and radiotherapist ROME Course- Degree course A - Rome Azienda Policlinico Umberto I
From 2019- current	Prof. of "IMAGING DIAGNOSIS I" at Techniques of medical radiology and Radiotherapist course, radiotherapist ROME - Degree course G - Rome Ospedale Santo Spirito
2018-2019	Prof. of EQUIPMENT OF THE RADIOLOGICAL AREA at the Techniques of medical Radiology for images and radiotherapy ROME - Degree course G - Rome S. Spirito Hospital of the Sapienza University of Rome

From 2004 - 2019	Member of the Teaching Staff of Scientific English course in the 1st and 2nd Graduate Courses of Medical Radiology Techniques for Images Medical Radiology and Radiation Therapy in Sapienza, University of Rome
From 2011 – to 2015	Member of the Teaching Staff on Scientific English at Graduation Perfusion Technicians Course, University of Rome
From 2015	Member of the Teaching Staff in Diagnostic Imaging, Channel A, Univ. Sapienza of Rome.
from 2014	Member of the Teaching Staff of the Diagnostic Imaging course, at Dentistry Graduation Course of Sapienza, University of Rome
From 2009 – to 2013	Member of the Teaching Staff of the Diagnostic Imaging course at General Surgery Residency School, Sapienza, University of Rome;
2013	Member of the Teaching Staff of the Diagnostic Imaging course, at A-Channel of the Graduation Course in Medicine of Sapienza, University of Rome
From 2005 – to 2012	Member of the Teaching Staff of the course entitled "Techniques and Clinical Applications of Color-Doppler Ultrasound" at the Radiodiagnostic Residency school, Sapienza, University of Rome
From 2009 – to 2012	Member of the Teaching Staff of the Diagnostic Imaging course, in the B-Cghannel of the Graduation Course in Medicine of Sapienza, University of Rome

MAIN RESEARCH
EXPERIENCE

2023	• Member of Italian PNRR PNC 3D for Health. Digital Twins construction: Advanced imaging diagnostics & biomarkers for tissue characterization. Total financing: € 3.964.857,55

2022	• Principal investigator of "Can 3D multiparametric ultrasound (MPUS) better evaluate carotid atherosclerotic plaque? Color Doppler-US, 2D and 3D CEUS compared to CT angiography" Total financing: 45.561,00 € plus Sapienza University Research Grant assigned
2021	▪ New strategies in the diagnosis of thyroid nodule: TI-RADS risk stratification systems and Elastography versus Computer Aided Diagnosis software. The TECAD (TIRADS Elastography and Computer Assisted Diagnosis) ▪ Total financing: 15000 plus University Research Grant assigned
2021	▪ Artificial intelligence assisted diagnosis, screening, and sampling of digestive and biliopancreatic diseases: an advanced endoscopic workstation. The AID project. ▪ Financing institution: Univ. Sapienza ▪ Total financing: 375.100 € ▪
2021	SPHeaD Smart Personal Health-care Devices ▪ Fiancing Institution: Regione Lazio
2016	▪ "Valutazione prospettica della steatosi epatica in pazienti con obesità patologica candidati a chirurgia bariatrica mediante ecografia e nuovi software di quantificazione ecostrutturale" ▪ Financing institution: Univ. Sapienza ▪ Total financing: 3.850,00 €

HONOURS, AWARDS,
MEMBERSHIPS, OTHER
QUALIFICATIONS

2021	▪ 2021 Coordinator, Responsible and Co-Author of the research project "SRE and SWE for the evaluation of indeterminate thyroid nodule" winner of the best oral presentation presented at the US SIRM Section Meeting in Campobasso
2020	▪ 2020 Coordinator, Responsible and Co-Author of the research project "A clinical case of bilateral paraganglioma discovered incidentally: multiparametric ultrasound evaluation" winner of the MAURIZIO PINTO award as best clinical case presented at the SIUMB 2020 Bologna congress - virtual meeting
2020	▪ 2020 Coordinator, Responsible and Co-Author of the research project "Computer-aided diagnostic system for thyroid nodule sonographic evaluation outperforms the specificity of less experienced examiner" winner of the BEST JUS PAPER PRIZE 2020 award - Giovanni Serafini at the SIUMB 2020 Bologna congress - virtual meeting.
2020	• 2020 Coordinator, Responsible and Co-Author of the research project "Role of elastosonography in the stratification of the risk of malignancy of the thyroid nodule with indeterminate cytology" awarded as one of the best oral communications at the SIUMB 2020 Bologna congress - virtual meeting
2019	▪ 2019 Coordinator, Responsible and Co-Author of the research project "Multiparametric ultrasound evaluation of parotid lesions: Eco-color-Doppler in comparison and in combination with CEUS and Elastosonography "awarded as one of the best clinical cases presented at the XXVII SIUMB national congress
2019	▪ 2019 Coordinator, Responsible and Co-Author of the research project "Multiparametric ultrasound (Eco color Doppler, CEUS and 3-D Arterial Analysis) in the assessment of stenosis and vulnerability of carotid atherosclerotic plaque" awarded as one of the best oral communications at the XXVII national congress SIUMB 2019
2017	▪ 2017 Coordinator, Responsible and Co-Author of the research project "Multiparametric ultrasound evaluation of the carotid plaque through CEUS and SWE elastosonography in comparison with CT angiography and histology" awarded as best oral communication at the 26th SIUMB 2017 National Congress
2017	▪ 2017 Coordinator, Responsible and Co-Author of the research project "Automated classification of breast lesions in ultrasound using the S-detect program: validation and its use as a teaching tool" awarded as best poster at the 26th SIUMB 2017 national congress
2016	▪ 2016 co-author of the best poster awarded in the Congress of the Italian Endocrinologists
2016	▪ 2016 Co-author of a paper published on Ultrasound and selected among the best papers by the British Society of Ultrasound
2016	▪ 2016 Mentor of Resident who was awarded $ 500 student travel award with the abstract "BR245-SD-TUB1: Strain Elastography and Shear-wave Elastography for the Differentiation of Benign and Malignant Breast Lesions" presented at RSNA 2016
2015	▪ 2015 Coordinator, Responsible and co-author of the three abstracts awarded as best oral presentation and as best poster at SIUMB 2015
2015	▪ 2015 Thesis advisor of a thesis awarded as best contributor to the 2015 otolaryngologist congress.
2014	▪ 2014 awarded as best presenter in the Head and Neck Session on ECR 2014
2014	▪ 2014 awarded as one of the best investigators in Sapienza;
2011	▪ 2011 co-author of a presentation awarded with the Young Investigator Award
2009	▪ 2009 second prize at EUROSON 2009
2008	▪ 2008 awarded with a certificate of merit at RSNA 2008
2007	▪ 2007 Winner of Young Investigator Award in EUROSON 2007 in Leipzig
2004	▪ 2004 Candidate to Young Investigator Award in EUROSON 2004 in Zaghreb
2003	▪ Among the top 50 presenters at ESGAR 2003 (Budapest, Hungary)

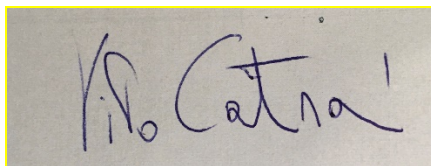| 2003	▪ 2003 EURORAD prize
2002	▪ 2002 EURORAD prize

ADDITIONAL INFORMATION

Publications

List of the most relevant publications up to 5 (last 5 yrs)

- US-Elastography for Breast Lesion Characterization: Prospective Comparison of US BIRADS, Strain Elastography and Shear wave Elastography | US-Elastografie zur Charakterisierung von Brustläsionen: Prospektiver Vergleich von US-BI-RADS, Strain-Elastografie und Scherwellen-Elastografie

  Cantisani, V., David, E., Barr, R.G., ...Ballesio, L., D'Ambrosio, F.
  Ultraschall in der Medizin, 2021, 42(5), pp. 533–540

- EFSUMB 2020 Proposal for a Contrast-Enhanced Ultrasound-Adapted Bosniak Cyst Categorization - Position Statement | EFSUMB 2020 – Vorschlag für eine an den kontrastverstärkten Ultraschall adaptierte Bosniak-Klassifikation von Zysten –Eine Stellungnahme

  Cantisani, V., Bertolotto, M., Clevert, D.-A., ...Webb, J., Sidhu, P.S.
  Ultraschall in der Medizin, 2021, 42(2), pp. 154–166

- Artificial intelligence: What is it and how can it expand the ultrasound potential in the future? | Künstliche Intelligenz: Was ist das und welche zukünftige Möglichkeiten bieten sich dadurch?

  Cantisani, V., Grani, G., Tovoli, F., Piscaglia, F., Catalano, C.
  Ultraschall in der Medizin, 2020, 41(4), pp. 356–360

- Prospective Evaluation of Semiquantitative Strain Ratio and Quantitative 2D Ultrasound Shear Wave Elastography (SWE) in Association with TIRADS Classification for Thyroid Nodule Characterization

  Cantisani, V., David, E., Grazhdani, H., ...Giacomelli, L., Catalano, C.
  Ultraschall in der Medizin, 2019, 40(4), pp. 495–503

- The EFSUMB guidelines and recommendations for the clinical practice of contrast-enhanced ultrasound (CEUS) in Non-Hepatic Applications: Update 2017 (Long Version) | Die EFSUMB-Leitlinien und Empfehlungen für den klinischen Einsatz des kontrastverstärkten Ultraschalls (CEUS) bei nicht-hepatischen Anwendungen: Update 2017 (Langversion)

  Sidhu, P.S., **Cantisani, V.,** Dietrich, C.F., ...Weskott, H.-P., Wijkstra, H.
  Ultraschall in der Medizin, 2018, 39(2), pp. e2–e44
  Thyroid Nodule Characterization: How to Assess the Malignancy Risk. Update of the Literature.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

8.1.2023