



CURRICULUM VITAE

PERSONAL INFORMATION:

Sarah Alessi
sarah.alessi@ieo.it
Radiologist MD
Precision Imaging and Research Unit
Department of Medical Imaging and Radiation Sciences
European Institute of Oncology (IEO)
435, G. Ripamonti - 20141 Milan, Italy

EDUCATION:

- | | |
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| 2011 | Residency Qualification in Radiology
University of Pavia, Italy
Mark: 70 cum laude |
| 2006 | Degree in Medicine and Surgery
University of Pavia, Italy
Mark: 110/110 cum laude |
| 2000 | Scientific High School Diploma
T. Taramelli, Pavia, Italy
Mark: 100/100 |

POST-DOCTORAL TRAINING:

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| 2007-2011 | 4th year of Residency in Radiology
IRCCS S. Matteo Foundation
Pavia, Italy |
| 2007-2008 | MRI muscle-skeletal training
CTO-CRF-M-Adelaide
Torino, Italy |

ACADEMIC APPOINTMENTS:

- 2016 > present Contract Professor of Ultrasound Laboratory
Imaging and Radiotherapy Techniques Bachelor
University of Milan
Milan, Italy
- 2020> present Expert on the subject (Cultore della Materia)
Medicine and Surgery University
University of Milan
Milan, Italy

PROFESSIONAL SOCIETIES:

- 2007 > present Member
Italian Society of Medical and Interventional Radiology (SIRM)
- 2011 > present Member
European Society of Radiology (ESR)
- 2015-2016 Member
International Society of Magnetic Resonance (ISMRM) Italian Chapter

CLINICAL ACTIVITY:

European Institute of Oncology (IEO), Milan, Italy:

- 2014> present Medical Doctor (MD)
Division of Radiology
Routine clinical activity in MRI, CT, US and conventional X-ray.
MRI-guided biopsies
Reader of low-dose CT for lung cancer screening program
Member of task forces: urological and gynecologic multidisciplinary team
- 2011-2013 Medical Doctor (MD)
Division of Radiology
Research program “Whole-body MRI with diffusion weighted sequences
for the early detection of neoplastic lesion”

RESEARCH:

Current research areas Multiparametric MRI of the prostate
MRI-guided prostate biopsy
Whole-body diffusion MRI for staging and therapy monitoring in cancer patients (prostate cancer, breast cancer, melanoma, ovarian cancer)

SCIENTIFIC ACTIVITIES

Abstracts: More than 50 abstracts in National and International meetings.
Scientific Publications: 41
H-Index: 13
Total citations: 569
Books and book chapters: 1

PUBLICATIONS

2021

044– Apparent Diffusion Coefficient and other Preoperative Magnetic Resonance Image Features fort the prediction of positive surgical margins in Prostate cancer Patients undergoing radical prostatectomy

S. Alessi, R. Maggioni, S. Luzzago, A. Colombo, P. Pricolo, P. E. Summers, G. Saia, M. Manzoni, G. Renne, G. Marvaso, O. De Cobelli, M. Bellomi , B. A. Jereczek-Fossa, G. Petralia
Clinical Genitourinary Cancer 2021, 19(6), e335-e345

043 – The role of MRI in the management of a prostate cancer patient with bone and lymph nodes metastases. A case report.

Belmonte M, Saia G, Zugni F, Alessi S, Summers P... Jereczek-Fossa BA, Petralia G.
Acta Biomedica 2021, 92(4), 3278e2021214

042 – Repeat MRI during active surveillance: natural history of prostatic lesions and upgrading rates.

S. Luzzago, M. L. Piccinelli, Mistretta F, Alessi S,.. Jereczek-Fossa BA, Petralia G., O. De Cobelli, G. Musi
BJU International 2021

041– Exploring mirna signature and other potential biomarkers for oligometastatic prostate cancer characterization: the biological challenge behind clinical practice, a narrative review.

G. Corrao, M. Zaffaroni, L. Bergamaschi, M. Augugliaro, S. Volpe, M. Pepa, G. Bonizzi, S. Pece, N. Amodio, F. A. Mistretta, S. Luzzago, G. Musi, S. Alessi, F. M, La Fauci, C. Tordonato, D. Tosoni, F. Cattani, S. Gandini, G. Petralia, G. Pravettoni, O. De Cobelli, G. Viale, R. Orecchia, G. Marvaso, B. A. Jereczek- Fossa.
Cancers 2021, 13(13), 3278

040– MRI-targeted or systematic random biopsies for prostate cancer diagnosis in biopsy naïve patients: follow-up of a PRECISION trial-like retrospective cohort

S. Luzzago, O. De Cobelli, F. A. Mistretta, M.L. Piccinelli+, V. Lorusso, M. Morelli, R. Bianchi, M. Catellani, G. Cozzi, E. Di Trapani, P. Pricolo, S. Alessi, M. Ferro, G. Marvaso, D-V. Matei, B. A. Jereczek-Fossa, G. Petralia & G. Musi
Prostate Cancer and Prostatic Diseases 2021, 24, 406-413

039 – MRI-based radiomics signature for localized prostate cancer: a new clinical tool for cancer aggressiveness prediction? Sub-study of prospective phase II trial on ultra-hypofractionated radiotherapy (AIRC IG-13218)

Simone Giovanni Gugliandolo, Matteo Pepa, L. Johannes Isaksson, Giulia Marvaso, Sara Raimondi, Francesca Botta, Sara Gandini, Delia Ciardo, Stefania Volpe, Giulia Riva, Damari Patricia Rojas, Dario Zerini, Paola Pricolo, Sarah Alessi, Giuseppe Petralia, Paul Eugene Summers, Francesco Alessandro Mistretta, Stefano Luzzago, Federica Cattani, Ottavio De Cobelli, Enrico Cassano, Marta Cremonesi, Massimo Bellomi, Roberto Orecchia& Barbara Alicja Jereczek-Fossa
European Radiology, 2021, 31(2), 716-728

038 – Whole-body magnetic resonance imaging: technique, guidelines and key applications

Paul Summers, Giulia Saia, Alberto Colombo, Paola Pricolo, Fabio Zugni, Sarah Alessi, Giulia Marvaso, Barbara Alicia Jereczek-Fossa, Massimo Bellomi, Giuseppe Petralia
Ecancermedalscience, 2021, 15, 1164

037 – A novel nomogram predicting lymph node invasion among patients with prostate cancer: the importance of extracapsular extension at multiparametric magnetic resonance imaging

E Di Trapani, S. Luzzago, G Peveri, M Catellani, M Ferro, G Cordima, FA Mistretta, R Bianchi, G Cozzi, S Alessi, DV Matei, V Bagnardi, G Petralia, G Musi, O De Cobelli
Urologic Oncology: Seminars and Original Investigations 2021

036 – In bore MRI targeted biopsy

M. Gurgitano. E. Ancona, D. Maresca, S. Alessi, R. Maggioni, A. Liguori, M. Pandolfi, G.M. Rodà, M. De Filippo, A. Paolucci, G. Petralia
Acta Bio-Medica: Atenel Parmensls, 2020, 91(10S)

035 – Whole-body magnetic resonance imaging (WB-MRI) reporting with the METastasis Reporting and Data System for Prostate cancer (MET-RADS-P): inter-observer agreement between readers of different expertise levels

P Pricolo, E. Ancona., P. Summers, J-A-Gomez, **S. Alessi**, BA Jereczek-Fossa, O. De Cobelli, F. Nolè, G. Renne, M. Bellomi, AR Padhani, G. Petralia
2020 Cancer Imaging; 20:77

034 – Phase II prospective trial “Give me Five” short-term high precision radiotherapy for early prostate cancer with simultaneous boost to the dominant intraprostatic lesion: the impact of toxicity on quality of life (AIRC IG-1321)

Marvaso G, Gugliandolo S, Bellerba F, Gandini S, Corrao G, Volpe S, Rojas D P, Riva G, Zerini D, Pepa M, Fodor CI, La Rocca E, Pricolo P, **Alessi S**, Petralia G, Mistretta F A, Cambria R, Cattani F, De Cobelli O, Orecchia R & Alicja Jereczek-Fossa B.
2020 Medical Oncology 37(8), 74

033 – A novel nomogram to identify candidates for active surveillance amongst patients with International Society of Urological Pathology (ISUP) Grade Group (GG) 1 or ISUP GG2 prostate cancer, according to multiparametric magnetic resonance imaging findings

Luzzago S, De Cobelli O, Cozzi G, Peveri G, Bagnardi V, Catellani M, Di Trapani E, Mistretta FA, Pricolo P, Conti A, **Alessi S**, Marvaso G, ferro M, Matei Deliu-Victor, Renne G, Alicja Jereczek-Fossa B, Petralia G, Musi G.

2020 BJU International 126(1), pp104-113

032 – Clinical evaluation and disease management of PI-RADS 3 lesions. Analysis from a single tertiary high-volume center

Di Trapani E, Musi G, Ferro M, Cordima G, Mistretta FA, Luzzago S, Bianchi R, Cozzi G, **Alessi S**, Catellani M, Matei Deliu-Victor, Alicja Jereczek-Fossa B, Petralia G & De Cobelli O.

2020 Scandinavian Journal of Urology, in press.

031 – Pathological findings at radical prostatectomy of biopsy naïve men diagnosed with MRI targeted biopsy alone without concomitant standard systematic sampling.

Luzzago S, Petralia G, Maresca D., Sabatini I, Cordima G, Brescia A, Verweij F, Garelli G, Mistretta FA, Cioffi A, Pricolo P, **Alessi S**, Matei Deliu-Victor, Renne G, De Cobelli O, Musi G.

2020 Urologic Oncology: Seminars and Original investigations, in press.

030 – MRI- targeted or systematic random biopsies for prostate cancer diagnosis in biopsy naïve patients: follow-up of a PRECISION trial-like retrospective cohort.

Luzzago S, De Cobelli O, Mistretta F. A., Piccinelli M, Lorusso V, Morelli M, Bianchi R, Catellani M, Cozzi G, Di Trapani E, Pricolo P, **Alessi S**, Ferro M, Marvaso G, Matei Deliu-Victor, Alicja Jereczek-Fossa B, Petralia G & Musi G.

2020 Prostate Cancer and Prostatic Diseases, in press.

029 – MRI-based radiomics signature for localized prostate cancer: a new clinical tool for cancer aggressiveness prediction? Sub-study of prospective phase II trial on ultra-hypofractionated radiotherapy.

Gugliandolo S, Pepa M, Isaksson L J, Marvaso G, Raimondi S, Botta F, Pricolo P, **Alessi S**, Petralia G, Summers P, Mistretta F A, Luzzago S, De Cobelli O, Cassano E, Cremonesi M, Alicja Jereczek-Fossa B, Bellomi M, Orecchia R.
2020 European Radiology, in press.

2019

028 - Confirmatory multiparametric magnetic resonance imaging at recruitment confers prolonged stay in active surveillance and decreases the rate of upgrading at follow-up.

Luzzago S, Catellani M, Di Trapani E, Cozzi G, Mistretta FA, Bianchi R, Pricolo P, Conti A, Ancona E, Piacentini N, **Alessi S**, Renne G, Ferro M, Matei DV, Musi G, Alicja Jereczek-Fossa B, Petralia G, de Cobelli O.

2019, Prostate Cancer Prostatic Dis. 2019 Jun 23(1), pp94-101

027 - Low PI-RADS assessment category excludes extraprostatic extension ($\geq$ pT3a) of prostate cancer: a histology-validated study including 301 operated patients.

Alessi S, Pricolo P, Summers P, Femia M, Tagliabue E, Renne G, Bianchi R, Musi G, de Cobelli O, Jereczek-Fossa BA, Bellomi M, Petralia G.

2019, Eur Radiol.29(10) pp 5478-5487

026 - Multiparametric Magnetic Resonance Imaging Second Opinion May Reduce the Number of Unnecessary Prostate Biopsies: Time to Improve Radiologists' Training Program?

Luzzago S, Petralia G, Musi G, Catellani M, **Alessi S**, Di Trapani E, Mistretta F. A, Serino A, Conti A, Pricolo P, Nazzani S, Mirone V, Matei DV, Montanari E, de Cobelli O. 2019, Clinical Genitourinary Cancer. 17, 2, pp. 88-96

025 - Radioablation +/- hormonotherapy for prostate cancer oligorecurrences (Radosa trial): potential of imaging and biology (AIRC IG-22159).

Marvaso G, Ciardo D, Corrao G, Gandini S, Fodor C, Zerini D, Rojas DP, Augugliaro M, Bonizzi G, Pece S, Cattani F, Mazzocco K, Mistretta FA, Musi G, **Alessi S**, Petralia G, Pravettoni G, de Cobelli O, Di Fiore PP, Viale G, Orecchia R, Jereczek-Fossa BA. 2019, BMC Cancer. 10; 19(1):903. doi: 10.1186/s12885-019-6117-z.

024 - Reirradiation for isolated local recurrence of prostate cancer: Mono-institutional series of 64 patients treated with salvage stereotactic body radiotherapy (SBRT).

Jereczek-Fossa BA, Rojas DP, Zerini D, Fodor C, Viola A, Fanetti G, Volpe S, Luraschi R, Bazani A, Rondi E, Cattani F, Vavassori A, Garibaldi C, **Alessi S**, Pricolo P, Petralia G, Cozzi G, de Cobelli O, Musi G, Orecchia R, Marvaso G, Ciardo D.

2019, British Journal of Radiology. 92 (1094):20180494.

2018

023 – Endometrial cancer: an overview of novelties in treatment and related imaging keypoints for local staging

Rizzo S, Femia M., Buscarino V, Franchi D, Garbi A, Zanagnolo V, Del Grande M, Manganaro L, **Alessi S**, Giannitto C, Ruju F, Bellomi M.

2018, Cancer Imaging. 18 (1), 45

022 - The added value of whole-body magnetic resonance imaging in the management of patients with advanced breast cancer.

Zugni F, Ruju F, Pricolo P, **Alessi S**, Iorfida M, Colleoni MA, Bellomi M, Petralia G.

2018, PLoSOne. 13, 10, e0205251.

2017

021 – Multidisciplinary approach in the management of advanced ovarian cancer patients: a personalized approach. Results from a specialized ovarian cancer unit

Aletti GD, Garbi A, Messori P, Achilarré MT, Zanagnolo V, Rizzo S, **Alessi S**, Bocciolone L, Landoni F, Biffi R, Carinelli S, Colombo N, Maggioni A.

2017, Gynecologic Oncology. 144 (3), pp-468-473

2016

020 - Multiparametric magnetic resonance imaging and frozen-section analysis efficiently predict upgrading, upstaging, and extraprostatic extension in patients undergoing nerve-sparing robotic-assisted radical prostatectomy.

Bianchi R, Cozzi G, Petralia G, **Alessi S**, Renne G, Bottero D, Brescia A, Cioffi A, Cordima G, Ferro M, Matei DV, Mazzoleni F, Musi G, Mistretta F, Serino A, Tringali V, Coman I, de Cobelli O.

2016, Medicine; analytical reviews of general medicine, neurology, psychiatry, dermatology, and pediatrics. 95, 40, e4519.

019 – Solid thyroid metastasis from colon cancer: a rare case report.

Nicosia L, **Alessi S**, Proh M, Grosso E, Ansarin M, Vingiani A, Pisa E, De Fiori E.
2016, *ecancermedicalsecience*. 24, 10: 696

2015

018 – Ultrasound findings in the omental bursa: a short pictorial essay

Alessi S, Bortolotto C, Carone L.
2015 *Journal of Ultrasound* 18(1), pp.63-66

017 - Robot-assisted radical prostatectomy: Multiparametric MR imaging directed intraoperative frozen-section analysis to reduce the rate of positive surgical margins.

Petralia G, Musi G, Padhani AR, Summers P, Renne G, **Alessi S**, Raimondi S, Matei DV, Renne S L, Jereczek-Fossa BA, de Cobelli O, Bellomi M.
2015, *Radiology*. 274 (2), pp. 434-444 11 .

2013

016 - Contrast-enhanced ultrasound sonography optimises the assessment of lymph nodes in oncology.

Petralia G, Conte G, De Fiori E, **Alessi S**, Bellomi M.
2013, *ecancermedicalsecience*. 7, 1, 328.

015 - Whole-body diffusion-weighted imaging: Is it all we need for detecting metastases in melanoma patients?

Petralia G, Padhani A, Summers P, **Alessi S**, Raimondi S, Testori A, Bellomi M.
2013, *European Radiology*. 23(12), pp. 3466-3476 11 p.

2012

014 - Anterior prostatic tumours are difficult to diagnose without MRI.

Petralia G, **Alessi S**, Alconchel A, Summers P, Musi G, Mate, V, de Cobelli O, Renne G, Bellomi M.
2012, *ecancermedicalsecience*. 6(1), 252.

013 – Breast elastography: a literature review.

Petralia G, **Alessi S**, Alconchel A, Summers P, Musi G, Mate, V, de Cobelli O, Renne G, Bellomi M.
2012, *ecancermedicalsience*. 6(1), 252.

012 – Baker’s cyst in pediatric patients: Ultrasonographic characteristics.

Alessi S, Depaoli R, Canepari M, Bartolucci F, Zacchino M, Draghi F
2012, *Journal of Ultrasound* 15(1), pp.76-81

011 – Shear wave elastography in the diagnosis of thyroid nodules: feasibility in the case of coexistent chronic autoimmune Hashimoto’s thyroiditis.

Magri F, Chytiris S, Capelli V, **Alessi S**, Nalon E, Rotondi M, Cassibba S, Calliada F, Chiovato L.
2012, *Clinical Endocrinology* 76(1), pp.137-141

2011

010 – Shear wave elastography in the diagnosis of thyroid nodules: feasibility in the case of coexistent chronic autoimmune Hashimoto’s thyroiditis.

Magri F, Chytiris S, Capelli V, **Alessi S**, Nalon E, Rotondi M, Cassibba S, Calliada F, Chiovato L.
2012, *Clinical Endocrinology* 76(1), pp.137-141

09 – Testicular ischemia after inguinal hernia repair.

Dellabianca C, Bonardi M, **Alessi S**.
2011, *Journal of Ultrasound* 14(4), pp.205-207

08 – Post-traumatic hematoma of the epididymis: case-report.

Bonardi M, Dellabianca C, **Alessi S**.
2011, *Journal of Ultrasound* 14(4), pp.196-198

07 – Lymphoma of the scrotum in patients with Down’s syndrome: US appearance. Mini pictorial essay.

Draghi F, Bonardi M, Dellabianca C, Tarantino CC, **Alessi S**.
2011, *Journal of Ultrasound* 14(4), pp.216-219

06 – Varicocele: ultrasonographic assessment in daily clinical practice

Pauroso S, Di Leo N, Fulle I, Di Segni M, **Alessi S.**, Maggini E.
2011, *Journal of Ultrasound* 14(4), pp.199-204

05 –Ultrasound guided fine-needle aspiration cytology of breast lesions

Pagani C, Coscia DR, Dellabianca C, Bonardi M, **Alessi S**, Calliada F.
2011, *Journal of Ultrasound* 14(4), pp.182-187

04 –Ganglioneuroblastoma: case report and review of the literature

Alessi S, Grignani M, Carone L.

2011, Journal of Ultrasound 14(2), pp.84-88

03 –Subclinical remodeling of draining lymph node structure in early and established rheumatoid arthritis assessed by power Doppler ultrasonography

Manzo A, Caporali R, Vitolo B, Alessi S, Benaglio F, Todoerti M, Bugatti S, Calliada F, Montecucco C.

2011, Rheumatology 50(8), pp. 1395-1400

2010

02 –Ultrasound anatomy of the neck: the infrahyoid region

Gervasio A, Mujahed I, Biasio A, Alessi S

2010, Journal of Ultrasound 13(3), pp. 85-89

2008

01 –Scrotal pain as the first clinical manifestation of testicular seminoma: a case report

Baletti A, Alessi S, Danesino G.M.

2008, Journal of Ultrasound 11(3), pp. 118-1

BOOKS AND BOOK CHAPTERS



Autori **Alessi S**, Carone L, Vercelli A, Di Giulio G.

Titolo *TC arcate dentarie; TC massiccio facciale*

Libro Tecniche di Tomografia Computerizzata e di Risonanza Magnetica

Editore Cei L.

Società Editrice Universo (SEU), 2010

Second Edition

Autorizzo al trattamento dei miei dati ai sensi del D.lgs.196/03.

24/01/2022