



Martijn P. A. Starmans

Assistant Professor & PI AI for Integrated Diagnostics

Experience

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Consortia

Current:

- Liver AI (LAI)
- Co-initiator & Co-lead
Sarcoma AI (SAI)
- Co-initiator & Co-lead
AFRICAI-RI
- Co-initiator & WP-lead
H2020 EuCanImage
- WP Lead
H2021 EOSC4Cancer
- WP Lead
RadioVal
- External Advisor
EUCAIM
- Member

Past:

- H2020 euCanShare
2019-2023

01/24 - Now Assistant Professor

Erasmus Medical Center, Rotterdam, NL

With a joint appointment at the Radiology & Nuclear and Pathology departments, Martijn is heading the AI for Integrated Diagnostics (AIID) research line. The AIID group develops novel multimodal machine learning methods to develop quantitative biomarkers, focused on medical imaging and application in oncology.

- **Collaboration and awards:** Martijn is involved in various working groups and is work package leader in the Horizon projects EuCanImage, EOSC4Cancer, and AFRICAI-RI. He is initiator and recipient of various (consortium) grants, including an NWO NGF AI-Ned Personal Fellowship (2M), the Liver AI (LAI) consortium (NWO OTP 1M grant), the Sarcoma Artificial Intelligence (SAI) consortium (Hanarth Fonds 400k grant), a Health-Holland 1M TKI grant on incidental pulmonary embolism, and project lead of the Colorectal Liver Metastes AI (COLIMA) consortium (grant in writing). In these consortia, in total 63 clinical centers, companies, professional- and patient associations from 30 countries are united. Additionally, he is external advisor of RadioVal and part of EUCAIM.
- **MICCAI 2024 organization:** first ever Open Data Chair, initiator of the AFRICAI repository for medical imaging.
- **Trustworthy AI:** co-lead of the FUTURE-AI guideline on trustworthy and deployable AI.
- **Supervision:** 2 PostDocs, 10 PhD students, and 10 MSc students.

09/21 - 12/23 PostDoc

Erasmus Medical Center, Rotterdam, NL

Extending the work of his PhD, Martijn's research focused on generalization of radiomics biomarkers (conventional and deep learning based) using automated machine learning and meta-learning. He worked on a variety of clinical applications (e.g. sarcoma, liver cancer, colorectal cancer, bladder cancer, melanoma, cardiomyopathy, neuroendocrine tumors, CRPS).

- **Management:** Co-developer of Imaging Office of department of Radiology and Nuclear Medicine.
- **Supervision:** 17 MSc students.

10/22 - 01/23 Visiting Postdoctoral Researcher

University of Barcelona, Barcelona, Spain

Martijn visited the Artificial Intelligence in Medicine group, Department of Mathematics and Informatics, of Prof. Dr. Karim Lekadir to collaborate on AI for oncology imaging within the context of the EuCanImage and euCanShare projects. Besides working on these projects, he collaborated with various group members the FUTURE-AI guiding principles, radiomics FAIRness, and deep learning FAIRness.

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|------------------------------|---|---|
| 10/16 - 08/21 | PhD Candidate | Erasmus Medical Center, Rotterdam, NL |
| | Thesis defended 1st of February 2022 "cum laude" with the title "Streamlined Quantitative Imaging Biomarker Development: Generalization of radiomics through automated machine learning". Nominated for the Frederik Philipsprijs 2022 for Best Dutch Radiology PhD Thesis and made the top five. | |
| | <ul style="list-style-type: none"> – Generalization: Martijn's radiomics framework has been successful in finding biomarkers in over 17 clinical applications and is now being used in over 25 studies by colleagues, other researchers, and companies. – Open-science: Released the software for all his studies open source (e.g. WORC radiomics toolbox) and a large public database of 930 patients – Supervision: 26 MSc/BSc students. | |
| 06/16 - 08/16 | Internship | Philips Healthcare, Best, NL |
| | Stitching of 2-D fluoroscopy images for fracture malalignment reduction. | |
| 09/15 - 04/16 | MSc Thesis | Quantitative Imaging, Delft University of Technology, Delft, NL |
| | Deformable registration in 3D Breast Ultrasound scans. | |
| <h2>Grants & Awards</h2> | | |
| 2025 | Research Grant - co-PI & WP Lead | EU Horizon |
| | <ul style="list-style-type: none"> • Topic: AFRICAI-RI: A Pan-African Research Infrastructure for Collaborative Biomedical Imaging and Artificial Intelligence • Total funding: 5M Euro. | |
| 2025 | Research Grant - co-PI | Erasmus MC ErasSupport |
| | <ul style="list-style-type: none"> • Topic: Detecting Complex Regional Pain Syndrome and quantifying treatment success using a trustworthy artificial intelligence model based on video thermography • Total funding: 16k Euro. | |
| 2025 | Research Grant - co-PI | Erasmus MC ErasSupport |
| | <ul style="list-style-type: none"> • Topic: Trustworthy and explainable AI models for differentiating benign and malignant bone tumors on radiological imaging • Total funding: 14k Euro. | |
| 2024 | Personal Grant | Erasmus MC Starting Grant |
| | <ul style="list-style-type: none"> • Topic: RadPath-RI: Research infrastructure to join forces of radiology and pathology through Artificial Intelligence for Integrated Diagnostics (AIID) • Total funding: 120k Euro. | |
| 2024 | Personal Fellowship | NWO NGF AINed |
| | <ul style="list-style-type: none"> • Topic: Radiology and pathology join forces through Artificial Intelligence for Integrated Diagnostics (AIID) • Total funding: 2M Euro. | |
| 2023 | Research Grant - co-applicant | ISIDORe JRA Programme |
| | <ul style="list-style-type: none"> • Topic: PATH2XNAT: COVID 19 meets Pathomics meets XNAT • Total funding: 280k Euro. | |
| 2023 | Research Grant - co-PI¹ | NWO Open Technology Program |
| | <ul style="list-style-type: none"> • Topic: The Liver Artificial Intelligence (LAI) consortium: a benchmark dataset and optimized machine learning methods for MRI-based diagnosis of solid appearing liver lesions. • Total funding: 1M Euro. | |

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| 2023 | Research Grant - co-PI | Health-Holland TKI |
| | •Topic: An artificial intelligence (AI)-based model for detection of incidental pulmonary embolism in chest CTs | |
| | •Total funding: 1M Euro. | |
| 2023 | Top 5 Philips Frederikspreis | Dutch National society of radiologists |
| | •Selected for top 5 Dutch Radiology thesis of the year. | |
| 2022 | Research Grant - co-applicant | EU Horizon |
| | •Topic: EUCAIM: European Federation for Cancer Images. | |
| | •Total funding: 33M Euro. | |
| 2021 | Open Research Award | Convergence Health & Technology |
| 2020 | Research Grant - co-PI¹ | Hanarth Fonds |
| | •Topic: Automatic grading and phenotyping of soft-tissue tumors through machine learning to guide personalized cancer treatment. | |
| | •Total funding: 400k Euro. | |
| 2019 | Employee of the Year Honorable Mention | Department of Radiology and Nuclear Medicine, Erasmus MC |
| 10/2017 | Challenge Winner Hosted at Medical Image Computing and Computer Assisted Intervention (MICCAI) 2017. | Colorectal liver metastases survival prediction challenge |

¹ Not officially mentioned as co-applicant due to formalities. Reference of formal applicant available upon request.

Education

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| 09/14 - 08/16 | MSc Applied Physics | Delft University of Technology, Delft, NL |
| | GPA: 8.0 / 10. Track: Imaging Physics, Specialization: Research and Development | |
| | Electives: Medical Imaging, Advanced Wave Propagation, Charged Particle Optics and Imaging Systems | |
| 09/14 - 08/16 | MSc Applied Physics Honours Track | Delft University of Technology, Delft, NL |
| | GPA: 7.6 / 10. Track: Quantum Nanoscience | |
| | Electives: Applications of Quantum Mechanics, Electronics for Quantum Computing | |
| 09/10 - 08/13 | BSc Applied Physics | Delft University of Technology, Delft, NL |
| | GPA: 7.6 / 10. Minor: Management in a high-tech environment, final project for Damen Shipyards, Thales Netherlands and Imtech (GPA: 8.0/10) | |
| 09/04 - 06/10 | High School | Gymnasium Felisenum, Velsen, NL |
| | GPA: 8.2 / 10 (cum laude) | |

Teaching

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| 2023 - now | Advanced Digital Image Processing | MSc Applied Physics, TU Delft |
| | Teaching four guest lectures on Deep Learning in Medical Imaging, including help in examination. | |

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| 2023 | Summer School on AI for Medical Imaging | AFRICAI / MICCAI |
| | Part of program committee and mentor in this 1st AFRICAI / MICCAI summer school. Responsible for the Model Development 2: Model-Centric AI and Writing: Results sections. | |
| 2023 | Rotterdam Radiology Artificial Intelligence Course | Dutch Society of Radiology |
| | Invited lecturer and panel member in this first edition of the course. | |
| 2020 - 2023 | Machine Learning | MSc Technical Medicine, TU Delft |
| | Co-initiator and co-developer. Current tasks include giving lectures, supervising programming assignments, and examination. | |
| 2017 - 2023 | Advanced Image Processing | MSc Technical Medicine, TU Delft |
| | Co-initiator and co-developer. Current tasks include giving lectures, supervising programming assignments, and examination. | |
| 2017 - 2023 | Image Processing | BSc Technical Medicine, TU Delft |
| | Current tasks include giving lectures, supervising programming assignments, and examination. | |

Invited Presentations

F. Hartmann[†], R. Niemantsverdriet, S. Klein, M. G. Thomeer, and **M. P. A. Starmans**, *Advances of artificial intelligence as a diagnostic aid in abdominal radiology: The liver artificial intelligence (LAI) consortium*, Invited keynote presentation, Feb. 2025.

D. J. Spaanderman[†] and **M. P. A. Starmans**, *Ai in medical imaging for soft tissue and bone sarcoma*, Invited keynote presentation at the annual Dutch Sarcoma Group (DSG) meeting, Utrecht, the Netherlands, May 2024.

M. P. A. Starmans[†], *Ai and image analysis of liver metastases*, Invited keynote presentation at the Liver Metastases Research Network (LMRN) Annual Meeting 2024, Rotterdam, the Netherlands, Jun. 2024.

M. P. A. Starmans[†], *Model optimization in radiomics: Generalization and automation of radiomics across clinical applications through automated machine learning*, Invited lecture at the Artificial Intelligence 4 Imaging course, Jun. 2024.

M. P. A. Starmans[†], *Radiology and pathology join forces through artificial intelligence for integrated diagnostics (AIID)*, Invited keynote presentation at the annual Erasmus MC Cancer Retreat, Rotterdam, the Netherlands, May 2024.

M. P. A. Starmans[†], *Radiology and pathology join forces through artificial intelligence for integrated diagnostics (AIID)*, Invited keynote presentation at the TIIM congress 2024, Utrecht, the Netherlands, May 2024.

M. P. A. Starmans[†], *Technical considerations for the design and construction of trustworthy ai in multi-country oncology imaging*, Co-organizer and keynote speaker of EACR EuCanImage workshop, Rotterdam, the Netherlands, Jun. 2024.

S. Klein[†] and **M. P. A. Starmans**, *Liver AI research at Erasmus MC*, Invited presentation at the PHAIR Consortium kick-off, Dec. 2023.

M. P. A. Starmans[†], *Ai and image analysis of liver metastases*, Invited keynote presentation at the Liver Metastases Research Network (LMRN) Annual Meeting 2023, Brussels, Belgium, Jun. 2023.

M. P. A. Starmans[†], *EuCanImage: Towards a european cancer imaging platform for enhanced artificial intelligence in oncology*, Invited presentation at the European Congress of Radiology (ECR) 2023, Vienna, Austria, Mar. 2023.

M. P. A. Starmans[†], *Zijn we dan artificieel intelligent met mammografie/mri*, Invited keynote presentation at this regional Breast Cancer meeting of Healthcare providers, May 2023.

M. P. A. Starmans[†], *Current status and future outlook on artificial intelligence in radiological imaging for liver metastases*, Presented at the Liver Metastases Research Network (LMRN) Annual Meeting 2022, Sheffield, UK, Jun. 2022.

M. P. A. Starmans[†], *EuCanImage data platform and catalogue for cancer imaging and non-imaging data*, Presented for the RadioVal Consortium, Nov. 2022.

M. P. A. Starmans[†], *Technical and organizational obstacles and solutions for a secure data platform in cancer imaging*, Presented at the EuCanImage Webinar 2022. Additionally panalist in three sessions of the four (sharing, anonymization, and annotation), Nov. 2022.

M. P. A. Starmans[†], *Multicentre studies for more robust radiomics signatures*, Presented at the European Congress of Radiology (ECR) 2021, Mar. 2021.

M. P. A. Starmans[†] and M. Koek[†], *Reproducible radiomics through automated machine learning validated on twelve clinical applications*, Presented at the Euro-Bioimaging User Forum 2021: Understanding and Fighting Cancer, Jun. 2021.

M. P. A. Starmans[†], *Multicentre studies for more robust radiomics signatures*, Presented at the European Congress of Radiology (ECR) 2020, Jul. 2020.

M. P. A. Starmans[†], *Radiomics and liver tumors*, Presented at the Current and Future Perspectives in Primary Liver Tumors Symposium 2017, Aug. 2017.

M. P. A. Starmans[†], S. R. van der Voort, W. J. Niessen, and S. Klein, *A radiomics approach for colorectal liver metastases survival prediction*, Presented at the MICCAI 2017 - CPM Colorectal Liver Metastases Challenge, Sep. 2017.

Publications

Journal Papers

E. Ruiz Pujadas, M. Camacho, V. Ngoc Dang, J. Hernández-González, K. Lekadir, and **M. P. A. Starmans**, “Bias and fairness in radiomics: A comparative analysis of machine learning models on four oncology datasets,” *Submitted*.

E. A. van Lange*, **M. P. A. Starmans***, E. J. Bijl, J. M. Mostert, S. Klein, F. J. P. M. Huygen, and C. C. de Vos, “Automatic quantification of thermographic images of complex regional pain syndrome using radiomics and deep learning,” *In Preparation*.

B. Witjes, **M. P. A. Starmans**, F. Huygen, and C. C. de Vos, “Classification of chronic pain and spinal cord stimulation response using machine learning in magnetoencephalography data,” *Submitted*.

S. H. A. E. Derkx, L. S. Ho, S. R. Koene, **M. P. A. Starmans**, E. Oomen-de Hoop, A. Joosse, M. J. A. de Jonge, K. A. T. Naipal, J. L. M. Jongen, M. J. van den Bent, M. Smits, and A. A. M. van der Veldt, “Size matters: Early progression of melanoma brain metastases after treatment with immune checkpoint inhibitors,” *Neuro-Oncology Advances*, vol. 388, vdaf026, 2025. doi: 10.1093/noajnl/vdaf026.

L. Garrucho, C.-A. Reidel, K. Kushibar, S. Joshi, R. Osuala, A. Tsirikoglou, M. Bobowicz, J. del Riego, A. Catanese, K. Gwoźdiewicz, M.-L. Cosaka, P. M. Abo-Elhoda, S. W. Tantawy, S. S. Sakrana, N. O. Shawky-Abdelfatah, A. M. Abd-Salem, A. Kozana, E. Divjak, G. Ivanac, K. Nikiforaki, M. E. Klontzas, R. García-Dosdá, M. Gulsun-Akpınar, O. Lafci, R. Mann, C. Martín-Isla, F. Prior, K. Marias, **M. P. A. Starmans**, F. Strand, O. Díaz, L. Igual, and K. Lekadir, “Mama-mia: A large-scale multi-center breast cancer dce-mri benchmark dataset with expert segmentations,” 2025, *Accepted for publication in Nature Scientific Data*. arXiv: 2406.13844.

K. Lekadir, A. F. Frangi, A. R. Porras, B. Glocker, C. Cintas, C. P. Langlotz, E. Weicken, F. W. Asselbergs, F. Prior, G. S. Collins, G. Kaassis, G. Tsakou, I. Buvat, J. Kalpathy-Cramer, J. Mongan, J. A. Schnabel, K. Kushibar, K. Riklund, K. Marias, L. M. Amugongo, L. A. Fromont, L. Maier-Hein, L. Cerdá-Alberich, L. Martí-Bonmatí, M. J. Cardoso, M. Bobowicz, M. Shabani, M. Tsiknakis, M. A. Zuluaga, M.-C. Fritzsche, M. Camacho, M. G. Linguraru, M. Wenzel, M. De Bruijne, M. G. Tolsgaard, M. Goisauf, M. Cano Abadía, N. Papanikolaou, N. Lazrak, O. Pujol, R. Osuala, S. Napel, S. Colantonio, S. Joshi, S. Klein, S. Aussó, W. A. Rogers, Z. Salahuddin, and **M. P. A. Starmans**, “FUTURE-AI: International consensus guideline for trustworthy and deployable artificial intelligence in healthcare,” *BMJ*, vol. 388, 2025. doi: 10.1136/bmj-2024-081554. eprint: <https://www.bmjjournals.org/content/388/bmj-2024-081554.full.pdf>.

D. J. Spaanderman*, M. Marzetti*, X. Wan*, A. F. Scarsbrook, P. Robinson, E. H. G. Oei, J. J. Visser, R. Hemke, K. van Langevelde, D. F. Hanff, G. J. L. H. van Leenders, C. Verhoef, D. J. Grünhagen, W. J. Niessen, S. Klein, and **M. P. A. Starmans**, “AI in radiological imaging of soft-tissue and bone tumours: A systematic review evaluating against CLAIM and FUTURE-AI guidelines,” Accepted for publication in *eBioMedicine*, 2025. arXiv: 2408.12491.

M. K. Bos, J. Kraan, **M. P. A. Starmans**, J. C. A. Helmijr, N. Verschoor, M. J. A. De Jonge, A. Joosse, A. A. M. van der Veldt, P. A. W. te Boekhorst, J. W. M. Martens, S. Sleijfer, and S. M. Wilting, “Comprehensive characterization of circulating tumor cells and cell-free DNA in patients with metastatic melanoma,” *Molecular Oncology*, vol. 18, no. 11, pp. 2770–2782, 2024. doi: 10.1002/1878-0261.13650. eprint: <https://febs.onlinelibrary.wiley.com/doi/pdf/10.1002/1878-0261.13650>.

B.-J. Boverhof, W. K. Redekop, D. Bos, **M. P. A. Starmans**, J. Birch, A. Rockall, and J. J. Visser, “Radiology AI deployment and assessment rubric (RADAR) to bring value-based ai into radiological practice,” *Insights into Imaging*, vol. 15, p. 34, 2024. doi: 10.1186/s13244-023-01599-z.

T. García-Lezana, M. Bobowicz, S. Frid, M. Rutherford, M. Recuero, K. Riklund, A. Cabrelles, M. Rygusik, L. Fromont, R. Francischello, E. Neri, S. Capella, F. Prior, J. Bona, P. Nicolas, **M. P. A. Starmans**, K. Lekadir, J. Rambla, and E. Consortium, “New implementation of data standards for ai research in precision oncology. experience from eucanimage,” *Submitted*, 2024. medRxiv: 2024.03.15.24303032.

D. J. Höppener, W. Aswolinskiy, Z. Qian, D. Tellez, P. M. H. Nierop, **M. P. A. Starmans**, I. D. Nagtegaal, M. Doukas, J. H. W. de Wilt, D. J. Grünhagen, J. A. W. M. van der Laak, P. Vermeulen, F. Ciompi, and C. Verhoef, “Classifying histopathological growth patterns for resected colorectal liver metastasis with a deep learning analysis,” *BJS Open*, vol. 8, no. 6, zrae127, 2024. doi: 10.1093/bjsopen/zrae127.

C. Y. M. N. Jansma*, X. Wan*, I. Acem, D. J. Spaanderman, J. J. Visser, D. Hanff, W. Taal, C. Verhoef, S. Klein, E. Martin, and **M. P. A. Starmans**, “Preoperative classification of peripheral nerve sheath tumors on MRI using radiomics,” *Cancers*, vol. 16, no. 11, p. 2039, 2024. doi: 10.3390/cancers16112039.

E. Kemper†, K. Redekop, F. Vos, M. IJzerman, **M. P. A. Starmans**, and J. J. Visser, “Hta183 a general framework for early health technology assessment (ehta) to support the development of new radiology artificial intelligence (ai) tools,” *Value in Health*, vol. 27, no. 12, p. S390, 2024. doi: 10.1016/j.jval.2024.10.2008.

E. H. M. Kemper, H. Erenstein, B.-J. Boverhof, K. Redekop, A. E. Andreychenko, M. Dietzel, K. B. W. Groot Lipman, M. Huisman, M. E. Klontzas, F. Vos, M. IJzerman, **M. P. A. Starmans**, and J. J. Visser, “Esr essentials: How to get to valuable radiology ai: The role of early health technology assessment—practice recommendations by the european society of medical imaging informatics,” *European Radiology*, 2024. doi: 10.1007/s00330-024-11188-3.

D. J. Spaanderman*, S. N. Hakkesteegt*, D. F. Hanff, A. R. W. Schut, L. M. Schiphouwer, M. Vos, C. Messiou, S. J. Doran, R. L. Jones, A. J. Hayes, L. Nardo, Y. G. Abdelhafez, A. W. Moawad, K. M. Elsayes, S. Lee, T. M. Link, W. J. Niessen, G. J. L. H. van Leenders, J. J. Visser, S. Klein, D. J. Grünhagen, C. Verhoef, and **M. P. A. Starmans**, “Multi-center external validation of an automated method segmenting and differentiating atypical lipomatous tumors from lipomas using radiomics and deep-learning on MRI,” *eClinicalMedicine*, vol. 76, 2024. doi: 10.1016/j.eclinm.2024.102802.

D. J. Spaanderman, **M. P. A. Starmans**, G. C. M. van Erp, D. F. Hanff, J. H. Sluijter, A.-R. W. Schut, G. J. L. H. van Leenders, C. Verhoef, D. J. Grünhagen, W. J. Niessen, J. J. Visser, and S. Klein, "Minimally interactive segmentation of soft-tissue tumors on CT and MRI using deep learning," *European Radiology*, 2024. doi: 10.1007/s00330-024-11167-8.

M. P. A. Starmans, R. L. Miclea, V. Vilgrain, M. Ronot, Y. Purcell, J. Verbeek, W. J. Niessen, J. N. M. Ijzermans, R. A. de Man, M. Doukas, S. Klein*, and M. G. Thomeer*, "Automated assessment of T2-weighted MRI to differentiate malignant and benign primary solid liver lesions in noncirrhotic livers using radiomics," *Academic Radiology*, vol. 31, no. 3, pp. 870–879, Mar. 2024. doi: 10.1016/j.acra.2023.07.024.

D. J. van der Reijd, C. Guerendel, F. C. R. Staal, M. P. Busard, M. De Oliveira Taveira, E. G. Klompenhouwer, K. F. D. Kuhlmann, A. Moelker, C. Verhoef, **M. P. A. Starmans**, D. M. J. Lambregts, R. G. H. Beets-Tan, S. Benson, and M. Maas, "Independent validation of CT radiomics models in colorectal liver metastases: Predicting local tumour progression after ablation," *European Radiology*, vol. 34, no. 6, pp. 3635–3643, 2024. doi: 10.1007/s00330-023-10417-5.

M. Zeeuw, N. Wesdorp, M. Ali, K. Voigt, M. Starmans, J. Roor, J. H. v. Waesberghe, J. van den Bergh, I. Nota, S. Moos, J. Stoker, D. Grunhagen, R. J. Swijnenburg, C. Punt, J. Huiskens, K. Verhoef, and G. Kazemier, "Prognostic and predictive value of total tumor volume in patients with colorectal liver metastases," *HPB*, vol. 26, pp. S45–S46, 2024. doi: 10.1016/j.hpb.2024.03.077.

M. J. Zeeuw, N. J. Wesdorp, M. Ali, A.-J. J. J. Bakker, K. R. Voigt, **M. P. A. Starmans**, J. Roor, R. Kemna, J. H. T. M. van Waesberghe, J. E. van den Bergh, I. M. G. C. Nota, S. I. Moos, S. van Dieren, M. J. van Amerongen, M. J. G. Bond, T. Chapelle, R. M. van Dam, M. R. W. Engelbrecht, M. F. Gerhards, T. M. van Gulik, J. J. Hermans, K. P. de Jong, J. M. Klaase, N. F. M. Kok, W. K. G. Leclercq, M. S. L. Liem, K. P. van Lienden, I. Q. Molenaar, G. A. Patijn, A. M. Rijken, T. M. Ruers, J. H. W. de Wilt, I. M. Verpalen, J. Stoker, D. J. Grunhagen, R.-J. Swijnenburg, C. J. A. Punt, J. Huiskens, C. Verhoef, and G. Kazemier, "Prognostic value of total tumor volume in patients with colorectal liver metastases: A secondary analysis of the randomized CAIRO5 trial with external cohort validation," *European Journal of Cancer*, vol. 207, p. 114 185, 2024. doi: 10.1016/j.ejca.2024.114185.

H. Kondylakis, V. Kalokyri, S. Sfakianakis, K. Marias, M. Tsiknakis, A. Jimenez-Pastor, E. Camacho-Ramos, I. Blanquer, J. D. Segrelles, S. López-Huguet, C. Barelle, M. Kogut-Czarkowska, G. Tsakou, N. Siopis, Z. Sakellariou, P. Bizopoulos, V. Drossou, A. Lalas, K. Votis, P. Mallol, L. Martí-Bonmatí, L. C. Alberich, K. Seymour, S. Boucher, E. Ciarrocchi, L. Fromont, J. Rambla, A. Harms, A. Gutierrez, **M. P. A. Starmans**, F. Prior, J. L. Gelpí, and K. Lekadir, "Data infrastructures for AI in medical imaging: A report on the experiences of five EU projects," *European Radiology Experimental*, vol. 7, no. 1, p. 20, May 2023. doi: 10.1186/s41747-023-00336-x.

M. P. A. Starmans*, M. J. M. Timmergen*, M. Vos, M. Renckens, D. J. Grünhagen, G. J. L. H. van Leenders, R. S. Dwarkasing, F. E. J. A. Willemssen, W. J. Niessen, C. Verhoef, S. Sleijfer, J. J. Visser, and S. Klein, "Differential diagnosis and molecular stratification of gastrointestinal stromal tumors on CT images using a radiomics approach," *Journal of Digital Imaging*, vol. 15, pp. 127–136, Jan. 2022. doi: 10.1007/s10278-022-00590-2.

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