

Curriculum Vitae

Pierluigi Ciet

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Personal information



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| <i>First name(s) / Surname(s)</i> | Pierluigi / Ciet |
| <i>Address(es)</i> | Bothastraat 63 3072 XE, Rotterdam The Netherlands |
| <i>Telephone(s)</i> | (+31) 0645242902 |
| <i>Work</i> | (+31) (10) 7036063 |
| <i>E-mail</i> | p.ciet@erasmusmc.nl |
| <i>Nationality</i> | Italian |
| <i>Date of birth</i> | 25-04-1980 |
| <i>Gender</i> | Male |

Personal statement

My mission is to develop new innovative imaging technique, especially using chest MRI, that can be useful as diagnostic and monitoring tools in pediatric and adult thoracic diseases.

Who I am

I am radiologist who is able to embrace the rapid changes determined by new technology and motivated to provide imaginative solutions for future imaging diagnostics.

Actual Occupation Field / Employment

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| <i>Current employment</i> | Thoracic and Pediatric Radiologists <i>Assistant Professor</i> From January 2019 to now |
| <i>Occupation</i> | Advanced chest Imaging Adult and Pediatrics |
| <i>Main activities and responsibilities</i> | MR, CT, US, XR |
| <i>Name and address of employer</i> | Erasmus Medical Center Sophia Children's Hospital Departments of Radiology and Pediatric Pulmonology PO Box 2060 - Dr. Molewaterplein 60, 3015 GJ, Rotterdam, the Netherlands |
| <i>Co-appointment</i> | <i>Associate Professor of Radiology</i> <i>From December 2020 to now</i> |
| <i>Main activities</i> | <i>Teaching and research</i> |
| <i>Name and address of employer</i> | <i>University Hospital of Cagliari, Italy</i> |

Previous Employment

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| <i>Previous employment</i> | Post-Doc, From January 2017 to December 2018 |
| <i>Occupation</i> | Advanced chest Imaging (research focus) |
| <i>Main activities and responsibilities</i> | MR, CT, US, XR |
| <i>Name and address of employer</i> | Erasmus Medical Center Sophia Children's Hospital Departments of Radiology and Pediatric Pulmonology PO Box 2060 - Dr. Molewaterplein 60, 3015 GJ, Rotterdam, the Netherlands |
| <i>Period</i> | July 2014 – December 2016 |
| <i>Occupation</i> | <i>PhD student</i> |
| <i>Main activities and responsibilities</i> | Thoracic MRI |
| <i>Name and address of employer</i> | Departments of Radiology and Pediatric Pulmonology PO Box 2060 - Dr. Molewaterplein 60, 3015 GJ, Rotterdam, the Netherlands |
| <i>Period</i> | July 2013- July 2014 |
| <i>Occupation</i> | <i>Clinical Fellow</i> |
| <i>Main activities and responsibilities</i> | Cardiothoracic Imaging |
| <i>Name and address of employer</i> | <i>Radiology Department</i> |

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Beth Israel Deaconess Medical Center
Harvard Medical School, Boston, USA

Period

September 2011- June 2013

Occupation

PhD Student

Main activities and responsibilities

Advanced Pediatric chest Imaging

Name and address of employer

Erasmus Medical Center
Sophia Children's Hospital
Departments of Radiology
Rotterdam, the Netherlands

Period

July 2007- August 2011

Occupation

Resident in Radiology

Main activities and responsibilities

Radiology Training

Name and address of employer

Medical Diagnostic Sciences
Department of Radiology
University of Padua
Via Giustiniani 2, 35128, Padua, Italy

Period

March 2007-July 2007

Occupation

Practice at Radiology Department
Treviso Hospital, Italy

Main activities and responsibilities

Following diagnostic activities

Name and address of employer

Department of Radiology
Ca' Foncello Hospital

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|---|--|
| | Piazza dell'Ospedale 1 31100Treviso, Italy |
| <i>Period</i> | September 2005-March 2007 |
| <i>Occupation</i> | Internship |
| <i>Main activities and responsibilities</i> | Following clinical activities and drafting my Thesis |
| <i>Name and address of employer</i> | Department of Neurosurgery and Neuroradiology Ca' Foncello Hospital Piazza dell'Ospedale 1 31100Treviso, Italy |

Education and Training

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| <i>Type of qualification awarded</i> | 1993-1999 Scientific Diploma mark 80/ 100 |
| <i>College</i> | Liceo Scientifico “Primo Levi” Montebelluna, Treviso, Italy |
| <i>Level in national and international classification</i> | ISCED 3A |
| <i>Type of qualification awarded</i> | 1999-2006 Master’s degree Medicine and Surgery (MD) |
| <i>University</i> | University of Padua |
| <i>Thesis Title: “The diagnostic input of new MRI technologies in Neuro oncology”</i> | Mark 106/110 |
| <i>Level in national and international classification</i> | ISCED 5 |
| <i>Type of qualification awarded</i> | 2006-2007 Italian National Board Medical License examination Doctors’ Register (N°.04781 Treviso) |
| <i>Type of qualification awarded</i> | August 2011 Full Licensed Radiologist 80/80 cum laude |

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Type of qualification awarded

April 2013

ECFMG certificate

United States Medical License Examination (USMLE): step 1, step 2 CK, and step 2 CS

Type of qualification awarded

April 2015

Thorax radiologist Certificate

From the Dutch Society of Radiology

(NVvR Thorax Radioloog Certificaat)

Type of qualification awarded

December 2016

PhD at University of Rotterdam (NL)

*Thoracic Magnetic Resonance
Imaging*

Type of qualification awarded

January 2/10/2018

Italian National Qualification

Associate Professor Sector 06/I1

*Radiology, Radioteraphy and
Neuroradiology*

Type of qualification awarded

January 2019

Dutch Radiology Board Certification

License number 1949522

Type of qualification awarded

European Educational Curriculum

Diploma in Pediatric Radiology (EDiPR)

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Step 1: October 2018 (**Passed**)

Pediatric Neck/Chest Imaging

Step 2: October 2019 (**Passed**)

Type of qualification awarded

April 2021

Pediatric radiologist Certificate

From the Dutch Society of Radiology

(NVvR Kinder Radioloog Certificaat)

Other Experience

N=90 verified Peer Review for the following journals:

- *Radiology, European Radiology, Pediatric Radiology, Journal of Thoracic Imaging, Pediatric Pulmonology, European Respiratory Journal, European Journal of Radiology, Academic Radiology, Plos One, The British Journal of Radiology, The Lancet Respiratory Medicine, Thorax, Acta Radiologica, BMC Medical Imaging, Magnetic Resonance in Medicine, Annals of American Thoracic Society, Quantitative Imaging in Medicine*

Peer-review statistic: <https://www.webofscience.com/wos/author/record/1379254>

Academic Editor for Plos One since 2022.

Professional Memberships

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| 2007-2022 | Member of Italian Society of Radiology (SIRM) |
| 2007-present | Member European Society of Radiology (ESR) |
| 2011-2014 | Member Radiological Society of North America (RSNA) |
| 2016-present | Member of Radiological Society of the Netherlands (NVvR) |
| 2018-present | Member of the European Society of Pediatric Radiology (ESPR) |
| 2020-present | Member of the European Society of Thoracic Imaging (ESTI) |
| 2018-present | Member of the cardiothoracic imaging task force ESPR* |
| 2021-present | Member of Artificial Intelligence (AI)taskforce of ESPR |
| 2021-present | Member research committee of ESPR |

*Chair (November 2021- June 2024) and current co-chair of the thoracic section of the taskforce

Personal skills and competences

Mother tongue
 Other language(s)
 Self-assessment
 European level (*)
English
Spanish
Dutch

Italian

| Understanding | | Speaking | | | | Writing | |
|----------------------|------------------|-----------------|------------------|--------------------|------------------|-------------------|------------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | |
| C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user |
| B2 | Independent user | B2 | Independent User | B2 | Independent User | B2 | Independent user |
| C1 | Proficient user | C1 | Proficient user | C1 | Proficient user | C1 | Proficient user |

(*) *Common European Framework of Reference for Languages.*

Additional information

Current Metrics overview (19-09-2024):

N=102 total publications

H-Index=22

N. citations=1291

Source: <https://www.webofscience.com>

(<https://www.webofscience.com/wos/author/record/1379254>)

Publications

- Revolutionizing Lung Transplant Follow-up: Ultralow-Dose Photon-counting CT Enhances Safety and Accuracy. **Ciet P**. *Radiology*. 2024 Sep;312(3):e242082. doi: 10.1148/radiol.242082
- Unlocking the potential of photon counting detector CT for paediatric imaging: a pictorial essay. Aliukonyte I, Caudri D, Booij R, van Straten M, Dijkshoorn ML, Budde RPJ, Oei EHG, Saba L, Tiddens HAWM, Ciet P. *BJR Open*. 2024 Jul 9;6(1):tzae015. doi: 10.1093/bjro/tzae015
- Structural Lung Disease and Clinical Phenotype in Bronchiectasis Patients: The EMBARC CT Study. Pieters ALP, van der Veer T, Meerburg JJ, Andrinopoulou ER, van der Eerden MM, **Ciet P**, Aliberti S, Burgel PR, Crichton ML, Shoemark A, Goeminne PC, Shteinberg M, Loebinger MR, Haworth CS, Blasi F, Tiddens HAWM, Caudri D, Chalmers JD. *Am J Respir Crit Care Med*. 2024 Jul 1;210(1):87-96. doi: 10.1164/rccm.202311-2109OC
- Reply to Dournes and Benlala: Hierarchical Computed Tomography Scoring Systems Cannot Discriminate Between Reversible Bronchiectasis and Mucus Plugs. McNally P, Davies J, **Ciet P**, Tiddens H. *Am J Respir Crit Care Med*. 2024 Apr 15;209(8):1039-1040. doi: 10.1164/rccm.202311-2199LE
- Imaging of Acute Complications of Community-Acquired Pneumonia in the Paediatric Population-From Chest Radiography to MRI. Alexopoulou E, Prountzos S, Raissaki M, Mazioti A, Caro-Dominguez P, Hirsch FW, Lovrenski J, **Ciet P**. *Children (Basel)*. 2024 Jan 18;11(1):122. doi: 10.3390/children11010122
- Children with severe asthma have substantial structural airway changes on computed tomography. van den Bosch WB, Lv Q, Andrinopoulou ER, Pijnenburg MWH, **Ciet P**, Janssens HM, Tiddens HAWM. *ERJ Open Res*. 2024 Jan 15;10(1):00121-2023. doi: 10.1183/23120541.00121-2023

- Advanced and traditional chest MRI sequence for the clinical assessment of systemic sclerosis related interstitial lung disease, compared to CT: disease extent analysis and correlations with pulmonary function tests. Landini N, Orlandi M, Calistri L, Nardi C, **Ciet P**, Bellando-Randone S, Guiducci S, Benkert T, Panebianco V, Morana G, Matucci-Cerinic M, Colagrande S. *Eur J Radiol.* 2024 Jan;170:111239. doi: 10.1016/j.ejrad.2023.111239.
- Congenital lung malformations. Pederiva F, Rothenberg SS, Hall N, Ijsselstijn H, Wong KKY, von der Thüsen J, **Ciet P**, Achiron R, Pio d'Adamo A, Schnater JM. *Nat Rev Dis Primers.* 2023 Nov 2;9(1):60. doi: 10.1038/s41572-023-00470-1.
- Chest computed tomography in severe bronchopulmonary dysplasia: Comparing quantitative scoring methods. Fontijn S, Balink SJA, Bonte M, Andrinopoulou ER, Duijts L, Kroon AA, **Ciet P**, Pijnenburg MW. *Eur J Radiol.* 2023 Dec;169:11168. doi: 10.1016/j.ejrad.2023.11168
- Cardiopulmonary Morbidity in Adults Born With Congenital Diaphragmatic Hernia. Kraemer US, Kamphuis LS, **Ciet P**, Visser L, Tibboel D, Bartelds B, Cochius-den Otter SCM, de Blaauw I, van Rosmalen J, Gischler SJ, Schnater JM, Ijsselstijn H. *Pediatrics.* 2023 Oct 1;152(4):e2023062341. doi: 10.1542/peds.2023-062341.
- Automatic analysis of bronchus-artery dimensions to diagnose and monitor airways disease in cystic fibrosis. Lv Q, Gallardo-Estrella L, Andrinopoulou ER, Chen Y, Charbonnier JP, Sandvik RM, Caudri D, Nielsen KG, de Bruijne M, **Ciet P**, Tiddens H. *Thorax.* 2023 Sep 21;thorax-2023-220021. doi: 10.1136/thorax-2023-220021.
- The unintended consequences of artificial intelligence in paediatric radiology. **Ciet P**, Eade C, Ho ML, Laborie LB, Mahomed N, Naidoo J, Pace E, Segal B, Toso S, Tschauner S, Vamyanmane DK, Wagner MW, Shelmerdine SC. *Pediatr Radiol.* 2023 Sep 4. doi: 10.1007/s00247-023-05746-y.
- Prenatal ultrasound, magnetic resonance imaging and therapeutic options for fetal thoracic anomalies: a pictorial essay. Caro-Domínguez P, Victoria T, **Ciet P**, de la Torre E, Toscano AC, Diaz LG, Sainz-Bueno JA. *Pediatr Radiol.* 2023 Sep;53(10):2106-2119. doi: 10.1007/s00247-023-05681-y.
- Magnetic Resonance Imaging of Pediatric Lungs and Airways: New Paradigm for Practical Daily Clinical Use. Liszewski MC, **Ciet P**, Winant AJ, Lee EY. *J Thorac Imaging.* 2023 Mar 31. doi: 10.1097/RTI.0000000000000707.
- COllaborative Neonatal Network for the first European CPAM Trial (CONNECT): a study protocol for a randomised controlled trial. Kersten CM, Hermelijn SM, Dossche LWJ, Muthialu N, Losty PD, Schurink M, Rietman AB, Poley MJ, van Rosmalen J, Zanen-van den Adel TPL, **Ciet P**, von der Thüsen J, Brosens E, Ijsselstijn H, Tiddens HAWM, Wijnen RMH, Schnater JM. *BMJ Open.* 2023 Mar 17;13(3):e071989. doi: 10.1136/bmjopen-2023-071989.
- Congenital lung abnormalities on magnetic resonance imaging: the CLAM study. Elders BBLJ, Kersten CM, Hermelijn SM, Wielopolski PA, Tiddens HAWM, Schnater JM, **Ciet P**. *Eur Radiol.* 2023 Feb 24. doi: 10.1007/s00330-023-09458-7.

- Management of respiratory tract exacerbations in people with cystic fibrosis: Focus on imaging. Landini N, **Ciet P**, Janssens HM, Bertolo S, Ros M, Mattone M, Catalano C, Majo F, Costa S, Gramegna A, Lucca F, Parisi GF, Saba L, Tiddens HAWM, Morana G. *Front Pediatr.* 2023 Feb 6;10:1084313. doi: 10.3389/fped.2022.1084313.
- Lung parenchyma and structure visualisation in paediatric chest MRI: a comparison of different short and ultra-short echo time protocols. Papp D, Elders B, Wielopolski PA, Kotek G, Vogel M, Tiddens HAWM, **Ciet P**, Hernandez-Tamames JA. *Clin Radiol.* 2023 Jan 20;S0009-9260(23)00027-2. doi: 10.1016/j.crad.2022.12.020.
- Deep learning for improving ZTE MRI images in free breathing. Papp D, Castillo T JM, Wielopolski PA, **Ciet P**, Veenland JF, Kotek G, Hernandez-Tamames J. *Magn Reson Imaging.* 2023 May;98:97-104. doi: 10.1016/j.mri.2023.01.019.
- Preoperative visualization of congenital lung abnormalities: hybridizing artificial intelligence and virtual reality. Bakhuis W, Kersten CM, Sadeghi AH, Mank QJ, Wijnen RMH, **Ciet P**, Bogers AJJC, Schnater JM, Mahtab EAF. *Eur J Cardiothorac Surg.* 2022 Dec 2;63(1):ezad014. doi: 10.1093/ejcts/ezad014.
- Lung structure and function on MRI in preterm born school children with and without BPD: A feasibility study. Elders BBLJ, Tiddens HAWM, Pijnenburg MWH, Reiss IKM, Wielopolski PA, **Ciet P**. *Pediatr Pulmonol.* 2022 Dec;57(12):2981-2991. doi: 10.1002/ppul.26119.
- Chest radiography findings of COVID-19 pneumonia: a specific pattern for a confident differential diagnosis. Landini N, Colzani G, **Ciet P**, Tessarin G, Dorigo A, Bertana L, Felice C, Scaldaferrri L, Orlandi M, Nardi C, Romagnoli M, Saba L, Rigoli R, Morana G. *Acta Radiol.* 2022 Dec;63(12):1619-1626. doi: 10.1177/02841851211055163.
- Atrial Impairment as a Marker in Discriminating Between Takotsubo and Acute Myocarditis Using Cardiac Magnetic Resonance. Cau R, Loewe C, Cherchi V, Porcu M, **Ciet P**, Suri JS, Saba L. *J Thorac Imaging.* 2022 Nov 1;37(6):W78-W84. doi: 10.1097/RTI.0000000000000650.
- Chest radiography and computed tomography imaging in cystic fibrosis: current challenges and new perspectives. **Ciet P**, Booij R, Dijkshoorn M, van Straten M, Tiddens HAWM. *Pediatr Radiol.* 2022 Oct 29. doi: 10.1007/s00247-022-05522-4.
- 129 Xe and Free-Breathing 1 H Ventilation MRI in Patients With Cystic Fibrosis: A Dual-Center Study. Marshall H, Voskrebenezv A, Smith LJ, Biancardi AM, Kern AL, Collier GJ, Wielopolski PA, **Ciet P**, Tiddens HAWM, Vogel-Claussen J, Wild JM. *J Magn Reson Imaging.* 2022 Oct 11. doi: 10.1002/jmri.28470.
- Lung and large airway imaging: magnetic resonance imaging versus computed tomography. Liszewski MC, **Ciet P**, Winant AJ, Lee EY. *Pediatr Radiol.* 2022 Sep;52(10):1814-1825. doi: 10.1007/s00247-022-05386-8.
- Pediatric large airway imaging: evolution and revolution. Liszewski MC, **Ciet P**, Winant AJ, Lee EY. *Pediatr Radiol.* 2022 Sep;52(10):1826-1838. doi: 10.1007/s00247-022-05377-9.

- Quantitative CT imaging analysis to predict pathology features in patients with a congenital pulmonary airway malformation. Hermelijn SM, Mackenbach MJ, van Horik C, **Ciet P**, Wolf JL, von der Thüsen JH, Wijnen RMH, Tiddens HAWM, Schnater JM. *J Pediatr Surg.* 2022 Aug;57(8):1567-1572. doi: 10.1016/j.jpedsurg.2021.10.008.
- MRI changes in diaphragmatic motion and curvature in Pompe disease over time. Harlaar L, **Ciet P**, van Tulder G, van Kooten HA, van der Beek NAME, Brusse E, de Bruijne M, Tiddens HAWM, van der Ploeg AT, van Doorn PA. *Eur Radiol.* 2022 Jul 13. doi: 10.1007/s00330-022-08940-y.
- European Society of Paediatric Radiology Artificial Intelligence taskforce: a new taskforce for the digital age. Laborie LB, Naidoo J, Pace E, **Ciet P**, Eade C, Wagner MW, Huisman TAGM, Shelmerdine SC. *Pediatr Radiol.* 2022 Jun 22:1-5. doi: 10.1007/s00247-022-05426-3.
- Lung and large airway imaging: magnetic resonance imaging versus computed tomography. Liszewski MC, **Ciet P**, Winant AJ, Lee EY. *Pediatr Radiol.* 2022 May 16. doi: 10.1007/s00247-022-05386-8.
- Pediatric large airway imaging: evolution and revolution. Liszewski MC, **Ciet P**, Winant AJ, Lee EY. *Pediatr Radiol.* 2022 May 10. doi: 10.1007/s00247-022-05377-9.
- A dual center and dual vendor comparison study of automated perfusion-weighted phase-resolved functional lung magnetic resonance imaging with dynamic contrast-enhanced magnetic resonance imaging in patients with cystic fibrosis. Behrendt L, Smith LJ, Voskrebenezv A, Klimesh F, Kaireit TF, Pöhler GH, Kern AL, Gonzalez CC, Dittrich AM, Marshall H, Schütz K, Hughes PJC, **Ciet P**, Tiddens HAWM, Wild JM, Vogel-Claussen J. *Pulm Circ.* 2022 Apr 5;12(2):e12054. doi: 10.1002/pul2.12054. eCollection 2022
- Persistent Health Problems beyond Pulmonary Recovery up to 6 Months after Hospitalization for COVID-19: A Longitudinal Study of Respiratory, Physical, and Psychological Outcomes. Hellemons ME, Huijts S, Bek LM, Berentschot JC, Nakshbandi G, Schurink CAM, Vlake JH, van Genderen ME, van Bommel J, Gommers D, Odink A, **Ciet P**, Shamier MC, Geurts van Kessel C, Baart SJ, Ribbers GM, van den Berg-Emons RJG, Heijenbrok-Kal MH, Aerts JGJV. *Ann Am Thorac Soc.* 2022 Apr;19(4):551-561. doi: 10.1513/AnnalsATS.202103-340OC.
- “State-of-the-art review of lung imaging in cystic fibrosis with recommendations for pulmonologists and radiologists from the “iMAging managEment of cySTic fibROsis” (MAESTRO) consortium”. **Ciet P**, Bertolo S, Ros M, Casciaro R, Cipolli M, Colagrande S, Costa S, Galici V, Gramegna A, Lanza C, Lucca F, Macconi L, Majo F, Paciaroni A, Parisi GF, Rizzo F, Salamone I, Santangelo T, Scudeller L, Saba L, Tomà P, Morana G. *Eur Respir Rev.* 2022 Mar 23;31(163):210173. doi: 10.1183/16000617.0173-2021. Print 2022 Mar 31. PMID: 35321929 Free article. Review.
- “Practical protocol for lung magnetic resonance imaging and common clinical indications” Sodhi KS, **Ciet P**, Vasanawala S, Biederer J. *Pediatr Radiol.* 2022

- Feb;52(2):295-311. doi: 10.1007/s00247-021-05090-z. Epub 2021 May 26.PMID: 34037828 Free PMC article. Review
- “Aspergillus-related lung disease in people with cystic fibrosis: can imaging help us to diagnose disease?” Lv Q, Elders BBLJ, Warris A, Caudri D, **Ciet P**, Tiddens HAWM. *Eur Respir Rev.* 2021 Nov 17;30(162):210103. doi: 10.1183/16000617.0103-2021
 - “Chest radiography findings of COVID-19 pneumonia: a specific pattern for a confident differential diagnosis”. Landini N, Colzani G, **Ciet P**, Tessarin G, Dorigo A, Bertana L, Felice C, Scaldaferrri L, Orlandi M, Nardi C, Romagnoli M, Saba L, Rigoli R, Morana G. *Acta Radiol.* 2021 Nov 13;2841851211055163. doi: 10.1177/02841851211055163.
 - “Diaphragmatic dysfunction in neuromuscular disease, an MRI study.” Harlaar L, **Ciet P**, van Tulder G, Brusse E, Timmermans RGM, Janssen WGM, de Bruijne M, van der Ploeg AT, Tiddens HAWM, van Doorn PA, van der Beek NAME. *Neuromuscul Disord.* 2021 Nov 9;S0960-8966(21)00691-X. doi: 10.1016/j.nmd.2021.11.001
 - “The evolving role of radiological imaging in cystic fibrosis” Crowley C, Connor OJO, **Ciet P**, Tiddens HAWM, Maher MM. *Curr Opin Pulm Med.* 2021 Nov 1;27(6):575-585. doi: 10.1097/MCP.0000000000000828.
 - “Cystic pancreatic lesions: MR imaging findings and management.” Morana G, **Ciet P**, Venturini S. *Insights Imaging.* 2021 Aug 10;12(1):115. doi: 10.1186/s13244-021-01060-z.
 - “Practical protocol for lung magnetic resonance imaging and common clinical indications.” Sodhi KS, **Ciet P**, Vasanawala S, Biederer J. *Pediatr Radiol.* 2021 May 26;1-17. doi: 10.1007/s00247-021-05090-z.
 - “The Role of Imaging in COVID-19 Pneumonia Diagnosis and Management: Main Positions of the Experts, Key Imaging Features and Open Answers” Landini N, Orlandi M, Fusaro M, **Ciet P**, Nardi C, Bertolo S, Catalanotti V, Matucci-Cerinic M, Colagrande S, Morana G. *J Cardiovasc Echogr.* 2020 Oct;30(Suppl 2):S25-S30. doi: 10.4103/jcecho.jcecho_59_20. Epub 2020 Oct 27.
 - “Structure and Function of the Vocal Cords after Airway Reconstruction on Magnetic Resonance Imaging”. Elders BBLJ, Hakkesteegt MM, **Ciet P**, Tiddens HAWM, Wielopolski P, Pullens B. *Laryngoscope.* 2021 Jan 18. doi: 10.1002/lary.29399.
 - “MRI in interstitial lung disease (M-ILD): a momentum to innovate lung diagnostic” **P Ciet** (Editorial) *Thorax.* 2020 Dec 9;thoraxjnl-2020-216382
 - “Chest MRI to diagnose early diaphragmatic weakness in Pompe disease”. Harlaar L, **Ciet P**, van Tulder G, Pittaro A, van Kooten HA, van der Beek NAME, Brusse E, Wielopolski PA, de Bruijne M, van der Ploeg AT, Tiddens HAWM, van Doorn PA. *Orphanet J Rare Dis.* 2021 Jan 7;16(1):21
 - “Pediatric Lung MRI: Currently Available and Emerging Techniques”. Serai SD, Rapp JB, States LJ, Andronikou S, **Ciet P**, Lee EY. *AJR Am J Roentgenol.* 2021 Jan 21;1-10.

- “Comparison of phase-resolved functional lung (PREFUL) MRI derived perfusion and ventilation parameters at 1.5T and 3T in healthy volunteers”. Glandorf J, Klimeš F, Voskrebenezv A, Gutberlet M, Behrendt L, Crisosto C, Wacker F, **Ciet P**, Wild JM, Vogel-Claussen J. PLoS One. 2020 Dec 30;15(12):e0244638.
- “The Role of Imaging in COVID-19 Pneumonia Diagnosis and Management: Main Positions of the Experts, Key Imaging Features and Open Answers”. Landini N, Orlandi M, Fusaro M, **Ciet P**, Nardi C, Bertolo S, Catalanotti V, Matucci-Cerinic M, Colagrande S, Morana G. J Cardiovasc Echogr. 2020 Oct;30(Suppl 2):S25-S30
- “Magnetic resonance imaging of the upper airways in children and young adults: the MUSIC study” Elders B, **Ciet P**, Tiddens, van den Bosch W, Wielopolski PA, Pullens B. Thorax 2020 2021 Jan;76(1):44-52
- “Congenital lung abnormality quantification by computed tomography: The CLAQ method.” Hermelijn SM, Dragt OV, Bosch JJ, Hijkoop A, Riera L, **Ciet P**, Wijnen RMH, Schnater JM, Tiddens HAWM. Pediatr Pulmonol. 2020 Aug 18.
- Thoracic imaging of coronavirus disease 2019 (COVID-19) in children: a series of 91 cases. Caro-Dominguez P, Shelmerdine SC, Toso S, Secinaro A, Toma P, Damasio MB, Navallas M, Rianza-Martin L, Gomez-Pastrana D, Ghadimi Mahani M, Desoky SM, Ugas Charcape CF, Almanza-Aranda J, Ucar ME, Lovrenski J, Gorkem SB, Alexopoulou E, **Ciet P**, van Schuppen J, Ducou le Pointe H, Goo HW, Kellenberger CJ, Raissaki M, Owens CM, Hirsch FW, van Rijn RR; Collaborators of the European Society of Paediatric Radiology Cardiothoracic Task Force. Pediatr Radiol. 2020 Sep;50(10):1354-1368. doi: 10.1007/s00247-020-04747-5. Epub 2020 Aug 4.
- Coronavirus disease 2019 (COVID-19) in children: a systematic review of imaging findings. Shelmerdine SC, Lovrenski J, Caro-Domínguez P, Toso S; Collaborators of the European Society of Paediatric Radiology Cardiothoracic Imaging Taskforce. Pediatr Radiol. 2020 Aug;50(9):1217-1230.
- “The radiological diagnosis of bronchiectasis: what's in a name?”Tiddens HAWM, Meerburg JJ, van der Eerden MM, **Ciet P**. Eur Respir Rev. 2020 Jun 17;29(156):190120.
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- “Assessment of CF lung disease using motion corrected PROPELLER MRI: a comparison with CT”. **Ciet P**, Serra G, Bertolo S, Spronk S, Ros M, Fraioli F, Quattrucci S, Assael MB, Catalano C, Pomerri F, Tiddens HA, Morana G. *Eur Radiol*. 2015 May 30.
- “Pediatric Chest MR Imaging: Sedation, Techniques, and Extracardiac Vessels”. Baez JC, Seethamraju R, Mulkern R, **Ciet P**, Lee EY. *Magn Reson Imaging Clin N Am*. 2015 May;23(2):321-335
- “Pediatric Chest MR Imaging: Lung and Airways”. Baez JC, **Ciet P**, Mulkern R, Seethamraju R, Lee EY. *Magn Reson Imaging Clin N Am*. 2015 May;23(2):337-349
- “Lung MRI and impairment of diaphragmatic function in Pompe disease”. Wens SC, **Ciet P**, Perez-Rovira A, Logie K, Salamon E, Wielopolski P, de Bruijne M, Kruijshaar ME, Tiddens HA, van Doorn PA, van der Ploeg AT. *BMC Pulm Med*. 2015 May 6;15(1):54.
- “MR safety issues particular to women”. **Ciet P**, Litmanovich DE. *Magn Reson Imaging Clin N Am*. 2015 Feb;23(1):59-67
- “Reply: Cumulative radiation exposure to abdominal organs in patients with cystic fibrosis should not be forgotten”. Kuo W, **Ciet P**, Tiddens H, Zhang W, Guillerman RP, van Straten M. *Am J Respir Crit Care Med*. 2014 Oct 15;190(8):962

- “Monitoring cystic fibrosis lung disease by computed tomography. Radiation risk in perspective”. Kuo W, **Ciet P**, Tiddens HA, Zhang W, Guillerman RP, van Straten M. *Am J Respir Crit Care Med.* 2014 Jun 1;189(11):1328-36.
- “Magnetic resonance imaging of pediatric lung parenchyma, airways, vasculature, ventilation, and perfusion: state of the art”. Liszewski MC, Hersman FW, Altes TA, Ohno Y, **Ciet P**, Warfield SK, Lee EY. *Radiol Clin North Am.* 2013 Jul;51(4):555-82.
- “Spirometer-controlled cine magnetic resonance imaging used to diagnose tracheobronchomalacia in paediatric patients” **Ciet P**, Wielopolski P, Manniesing R, Lever S, de Bruijne M, Morana G, Muzzio PC, Lequin MH, Tiddens HA. *Eur Respir J.* 2014 Jan;43(1):115-24
- “Cystic fibrosis: detecting changes in airway inflammation with FDG PET/CT”. Amin R, Charron M, Grinblat L, Shammas A, Grasemann H, Graniel K, **Ciet P**, Tiddens H, Ratjen F. *Radiology.* 2012 Sep;264(3):868-75

Book chapters

Imaging of Cystic Fibrosis Lung Disease. Tiddens HA, Van Straten M, Sthal M, Ciet P, Hodson and Geddes' Cystic Fibrosis 5TH Edition (2023). Edited by Andrew Bush and Jennifer Taylor-Cousar.

Tiddens HA, Ciet P and van Straten M. Chest computed tomography. Pediatric Respiratory Medicine (2nd edition) European Respiratory Society (ERS)/Handbook 2021. ISBN 978-1-84984-130-6

Ciet P, Tiddens HA and Wieloposki P. Chest magnetic resonance imaging. Pediatric Respiratory Medicine (2nd edition) European Respiratory Society (ERS)/Handbook 2021. ISBN 978-1-84984-130-6

Liszewski MC, Ciet P, and Lee EY. Lung and Pleura. In Pediatric Body MRI. Lee EY et al (Editors). Springer Nature Switzerland AG 2020

Ciet P, Liszewski MC, and Lee EY. Large Airways. In Pediatric Body MRI. Lee EY et al (Editors). Springer Nature Switzerland AG 2020

Liszewski MC, Ciet P, Cicero G and Lee EY. Pediatric Thoracic MRI. In Imaging in Pediatric Pulmonology. Cleveland RH and Lee EY (Editors). Springer Nature Switzerland AG 2020.

Ciet P, Heidinger BH, Chakrala N, Litmanovich D. Trachea and bronchi. In: Digumarthy SR, Abbara S, Chung JH, eds. Problem Solving in Chest Imaging. Philadelphia: Elsevier; 2020 [chapter 36].

PG Thacker, HS Sodhi, INA Gooneratne, C Fonda, P Ciet, EY Lee. Mediastinum. Chapter 11 Part 2. In EY Lee. Pediatric Radiology-Practical Imaging Evaluation of Infant and Children. Wolters Kluwer 2018

HAWM Tiddens, M. van Straten, P Ciet. Computed tomography. Chapter 5 – Pediatric Respiratory Medicine. European Respiratory Society (ERS)/Handbook 2013. ISBN 978-1-84984-038-5

Presentations/Moderation

European Course of Pediatric Radiology (ECPR) Neck, cardiovascular and chest (Module 1) (September 2024)

Chest Radiograph (Invited Speaker)

Imaging of pulmonary infection (Session Moderator)

European Respiratory Society (ERS) Annual Meeting (Vienna 2024)

Congenital Lung Abnormalities (Invited Speaker)

Novel pulmonary MRI and artificial intelligence of neonatal lung disease (Invited Speaker)

National education for pediatric radiology fellows (Landelijk Differentiaten Onderwijs Kinderradiologie 2024, Utrecht)

Neonatal and pediatric pulmonary disease on chest radiograph (Invited Speaker)

Imaging of congenital lung abnormalities (Invited Speaker)

Imaging small airways disease in children (Invited Speaker)

International Society of Pediatric Respiratory disease (INSPIRED, Porto 2024)

Dynamic Imaging of the Pediatric Airway and Diaphragm (Invited Speaker)

Italian Society of Radiology (SIRM, annual meeting, Milan 2024)

The incidental pulmonary nodule in children (Invited Speaker)

European Society of Pediatric Radiology (ESPR) Annual Meeting (Sevilla)

Photon Counting CT imaging (Invited lecture, postgraduate course)

Lung MRI (Invited lecture, postgraduate course)

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Cardiothoracic session (Moderator)

European Congress of Radiology (ECR) 2024

Novel techniques in pediatric pulmonary imaging (Moderator)

Pediatric chest imaging (Invited lecture)

Primero Curso Internacional de Torax en Pediatria (16-17 November 2023) organized by SLARP (Sociedad Latino-Americana de Radiologia Pediatrica)

Innovación en imágenes de tórax (Invited lecture)

European Society of Thoracic Imaging (ESTI) 2023

Keynote Lecture: Cystic fibrosis – Anything new out there?

European Respiratory Society (ERS) 2023

Pediatric year in review: Imaging in paediatric respiratory disease: where are we now?

ESPR (European Society of Pediatric Radiology) Post-graduate course 2023

The role of MRI in evaluation of functional diaphragmatic disorders

Radiological - pathological correlation in children with chILD: a structured approach to the diagnosis

European Course of Pediatric Radiology (ECPR) 2022 Chest-Neck (Heraklion, Gr)

Cystic Fibrosis and Primary Ciliary Dyskinesia

Small airways Disease (SAD)

European Cystic Fibrosis Society (ECFS) 2022 annual meeting (Rotterdam)

Novel Imaging End-points in clinical Trials

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European Congress of Radiology (ECR) 2022

Congenital lung abnormalities on magnetic resonance imaging: the CLAM study (Scientific paper)

Structure and function at school age in preterm born children with and without bronchopulmonary dysplasia on lung-MRI (Scientific paper)

Pros and Cons: Low and ultra-low dose CT should be used for imaging thoracic disorders (Invited speaker)

National Dutch Pediatric Radiology Course 2022

The coughing Child (Het hoestende Kind)) (Invited Speaker)

ESPR (European Society of Pediatric Radiology) Postgraduate course 2022

Chest imaging (X-ray and CT) in CF: from diagnosis to prognosis (Invited Speaker)

LEAD Heidelberg (21-1-2022)

Novel CT techniques – Fast, low and ultra-low dose (invited Speaker)

International Pediatric Radiology (IPR) 2021 (11-15/10/2021 Rome)

Imaging of central airways: future perspectives (invited speaker and moderator session)

National Conference of Thoracic Section of Italian Society of Radiology (SIRM) Milan 8-10-21

Standardization of Image quality in chest MR imaging

ECR (European Congress of Radiology) 2021

Imaging of frequent queries in children: an evidence-based approach:

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Respiratory Tract Infections_(Refresh course)

Tracheobronchomalacia (TBM): optimizing the diagnostic approach to this increasingly important childhood entity

The role of MRI in tracheobronchomalacia (Open forum session)

ECR (European Congress of Radiology) 2020

Imaging of frequent queries in children: an evidence-based approach:

Respiratory Tract Infections_(Refresh course)

ESPR (European Society of Pediatric Radiology) Annual Meeting 2019

Spirometry controlled HRCT (Keynote lecture)

Session Chest (Moderator)

ECR (European Congress of Radiology) 2019

Application of morphological and functional MRI in COPD: a state-of-the-art review.

(Poster presentation)

Magnetic Resonance Imaging of the Pediatric Larynx: a systematic review

(Poster)

Differentiation of inflammatory and fibrotic ground-glass opacity with MRI: a pilot study (Lecture- Senior author non-presenter)

MRI Techniques For Lung Parenchyma, Airways And Pleura – A State-Of-The-Art Review (Poster presentation)

Assessment of Lung volume and central airways dimension using MRI in Children: a comparison with plethysmography, CT and PFT (Lecture- Scientific Session)

Image quality and incidental findings of chest MRI in a large pediatric population-based study (Lecture - Scientific Session)

ECPR (European Course of Pediatric Radiology) – Neck/Chest Imaging Dublin 2018

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Cystic Fibrosis (CF) and Primary Ciliary Dyskinesia (PCD) - (Invited lecture)

Small Airways Disease (SAD) - Invited Lecture

ECR (European Congress of Radiology) 2018

Chest imaging of cystic fibrosis: from infants to adults CT: information content vs. dose? (Lecture)

(Invited speaker)

Technical challenges of quantitative chest MRI data analysis in a large cohort paediatric study (Lecture –Scientific Session)

Awarded as best Scientific presentation in the pediatric Session

LEAD VERTEX Conference 2018 (Treviso)

Chest imaging in CF – where do we stand? The radiologist's perspective (Lecture)

MRI protocols: morphology (Lecture)

MRI protocols: functional imaging (Lecture)

MRI: Clinical applications (lecture)

(Invited speaker)

European Cystic Fibrosis Society 2017 (Annual Conference -Sevilla)

Magnetic resonance imaging to monitor lung inflammation: can we do it? (Lecture)

(Invited speaker)

3rd King's John Price Paediatric Respiratory Conference, London, 4th - 6th April 2017

Chest CT scan - Airway disease, CF, ABPA (Lecture)

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Newer advances in Thoracic imaging – Thoracic MRI (Lecture)

(Invited Speaker)

ECR (European Congress of Radiology) 2017

Lung MRI – Session (SS 1804): Are we ready for routine application of MRI of the lung?

(Moderator)

Special Focus (SF) session 17a: “Paediatric parenchymal lung disease: what imaging technique to choose?”

(Invited Speaker)

Structural and functional respiratory impairment in infants with severe bronchopulmonary dysplasia (BPD): the PRAGMA-BPD score?

E. van Mastriigt, E. Kakar, **P. Ciet**, K. Joosten, P. Kalkman, H.A.W.M. Tiddens, I. Reiss, L. Duijts, M. Pijnenburg

(Oral presentation of poster- the voice of EPOS)

Cine-MRI of Tracheal Dynamics

Ciet P, Boiselle PM, Heidinger B, Andrinopoulou ER, O’Donnell C, Alsop DC, Litmanovich DE

(Poster)

Three-dimensional Fourier Decomposition Ventilation Magnetic Resonance Lung Imaging

Ciet P; Bos A, Wielopolski P; Hernández-Tamames J; de Bruijne M, Tiddens HAWM; Perez-Rovira A.

(Poster)

SIRMI 2016 (Italian Society of Pediatric Lung Diseases)

Pediatric Lung MRI

(Invited Speaker)

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SIRM 2016 (Italian Society of Radiology)

Pediatric lung MRI

(Invited Speaker)

IPR 2016 (International Pediatric Radiology meeting)

CT or MR for imaging of Cystic Fibrosis?

(Invited Speaker)

ECR (European Congress of Radiology) 2016

Lung MRI –Scientific Session (SS 304)

(Moderator)

ECFS (European Cystic Fibrosis Society) 2015

P Ciet

Imaging approaches for early CF lung disease

(Invited Speaker)

RSNA (Radiological Society of North America) 2014

P Ciet, B Heidinger, M Occhipinti, D Litmanovich, PM Boiselle, EY Lee, PA Wielopolski, HAWM Tiddens

Imaging the Central Airways Gently and Wisely by Using MRI

(Poster)

ECPR (European Conference of Pediatric Radiology) 2013 (invited speaker)

P Ciet

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Structured reporting (workshop)

Magnetic resonance imaging of central airways (workshop)

RSNA (Radiological Society of North America) 2013

P Ciet, S Wens, A Perez-Rovira, K Logie, P Wielopolski, M de Bruijne, A Van Der Ploeg, P Van Doorn, HAWM Tiddens

“Respiratory muscle movement in Pompe disease using Cine Magnetic Resonance Imaging”(lecture)

ECR 2013 (European Congress of Radiology)

P Ciet, W Kuo, S Stick, HAWM Tiddens, M Van Straten

“Chest-CT protocol standardization for multicenter trial in cystic fibrosis (CF) infants”
(Lecture)

RSNA (Radiological Society of North America) 2012

G Morana, S Bertolo, F De Leo, M Ros, F Lucca, **P Ciet**, V Tavano

“Functional MR to monitoring Cystic Fibrosis (CF) Lung Disease”

(Educational Exhibit)

ESTI 2012 (European Society of Thoracic Imaging)

-**P Ciet**; K Gonzalez Graniel, S Stick, M de Bruijne, HAWM Tiddens, M Van Straten:

“Chest-CT Protocol Standardization for multicenter trial in Cystic Fibrosis (CF) infants”

(Lecture)

ISMRM (International Society of Magnetic Resonance in Medicine) ITA Chapter 2012

-**P Ciet**

Functional imaging of the lung

(Invited Speaker)

ECR 2012 (European Congress of Radiology)

-**P Ciet**; PA Wielopolski; S Lever; E van der Wiel; MH Lequin; HAWM Tiddens

Comparison of proton-MRI (MRI) and contrast enhanced MRI (CE-MRI) in Cystic Fibrosis (CF) to detect small airways disease?

(Lecture)

RSNA (Radiological Society of North America) 2011

-**P Ciet**; PA Wielopolski; S Lever; E van der Wiel; MH Lequin; HAWM Tiddens

Comparison of proton-MRI (MRI) and contrast enhanced MRI (CE-MRI) in Cystic Fibrosis (CF) to detect small airways disease? (Lecture)

-**P Ciet**; G Serra; S Bertolo; M Ros; G Morana; HAWM Tiddens

Comparison of chest-MRI to chest-CT to monitor Cystic Fibrosis (CF) lung disease.

(Lecture)

-G Serra; F Fraioli; A Fiorelli; G Ciarlo; S Liberali; **P Ciet**

Role of blade and diffusion-weighted imaging (DWI) sequences in Cystic Fibrosis (CF) lung disease follow-up: Initial experience

(Lecture)

NACFC (North America Cystic Fibrosis Congress) 2011

-**P Ciet**; Van der Wiel E C; PA Wielopolski; MB Assael; MH Lequin; HAWM Tiddens

-Comparison of Proton-MRI (MRI) and Contrast enhanced MRI (CEMRI) in Cystic Fibrosis (CF) lung assessment: should we include perfusion study routinely?

(Poster)

-LA Tepper; **P Ciet**; K Gonzalez-Graniell; MWJ Utens Elisabeth; HJ Duivenvoorden; AL Quittner; HAWM Tiddens

-Impact of Bronchiectasis and Trapped Air on quality of life in Cystic Fibrosis lung disease- a CT and MRI comparison

(Poster)

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ECR 2011 (European Congress of Radiology)

-G Serra; **P Ciet**; S Quattrucci; ML Mennini; S Liberali; S Bertolo; HAWM Tiddens; G Morana

-MRI-Diffusion Weighted Imaging (DWI): a new method to detect active lung inflammation in cystic fibrosis?

(Lecture)

-**P Ciet**; G Serra; S Bertolo; M Ros; MB Assael; G Morana; H.A W M Tiddens

-Comparison of chest-MRI to chest-CT to monitor cystic fibrosis lung disease

(Lecture)

RSNA (Radiological Society of North America) 2010

-**P Ciet**; G Serra; S Bertolo; C Catalano; HAWM Tiddens; G Morana

-Diffusion Weighted Imaging (DWI): a new method to detect active lung inflammation in Cystic Fibrosis?

(Poster).

-**P Ciet**; PA Wielopolski; S Lever; R Manniesing; M de Bruijne; MH Lequin; HAWM Tiddens

-Tracheomalacia assessment in pediatric patients with MRI: preliminary report

(Lecture)

NACFC (North America Cystic Fibrosis Conference) 2010

-G Serra; **P Ciet**; S Quattrucci; ML Mennini; S Liberali; S Bertolo; HAWM Tiddens; G Morana:

-MRI-Diffusion Weighted Imaging (DWI): a new method to detect active lung inflammation in cystic fibrosis?

(Poster)

-**P Ciet**; G Serra; S Bertolo; M Ros; MB Assael; G Morana; HAWM Tiddens

-Comparison of chest-MRI to chest-CT to monitor cystic fibrosis lung disease

(Lecture and Poster).

ECR (European Congress of Radiology) 2010:

-S Doratiotto, M Morello, **P Ciet**, H Salvat Heras, G Morana

-Swallowing disorders: the main radiologic findings in videofluoroscopy

(Poster)

-S Doratiotto, **P Ciet**, M Morello, N Roma, G Morana

-Videofluoroscopy of swallowing abnormalities in 10 symptomatic patients with thyroid pathology: preliminary report.

(Poster)

SIRM (Italian Society of Radiology) National Congress 2010:

-S Doratiotto, G Addonizio, S Bertolo, **P Ciet**, G Morana:

-Complicanze dopo chirurgia laringea valutazione videofluoroscopica di 50 pazienti
[Complications of laryngeal surgery visualized by videofluoroscopy in 50 patients]

(Poster)

-S. Bertolo, G. Addonizio, F. Fraioli, **P. Ciet**, C. Catalano, G. Morana

-La RM nella valutazione della severità di malattia e nel follow-up dei pazienti con fibrosi cistica.[MRI assessment for staging and follow-up of cystic fibrosis patient]

(Poster)

Research Support

2011

DWI as new tool to assess inflammation in patients with CF during respiratory tract exacerbation. Study supported by the Italian Cystic Fibrosis Foundation (FFC) with 70.000 €, grant number FFC#25/2011. Role in the grant: project and grant drafting, coordinator, data analysis and manuscript writing (PI).

2016

Ventilation Inflammation Perfusion and Structure (VIPS) Magnetic Resonance Imaging (MRI) in Cystic Fibrosis (CF) – Multicenter validation study with Hannover(Germany) and Shieffield(UK). Study supported by the American Cystic Fibrosis Foundation (ACFF) with 390.000 \$. Role in the grant: project and grant drafting, work package (WP) 1 leader: imaging quality standardization between centers (co-applicant)

2019

Ventilation Inflammation Perfusion and Structure (VIPS) Magnetic Resonance Imaging (MRI) in Cystic Fibrosis (CF) as new imaging platform to monitor CF lung disease. Study supported by the Italian Cystic Fibrosis Foundation (FFC) with 75.000 €. Role in the grant: project and grant drafting, coordinator, and data interpretation (PI).

2020

Identification of the pathogenesis of COVID-19 pathology in the Dutch population and elucidation of differences in pathogenetic mechanisms between high and low-risk groups. ZonMW 500.000€ (co-applicant)

2020

Magnetic Resonance Imaging in Interstitial Lung Diseases (M-ILD study). Awarded with VENI grant 250.000 €. (Principal Investigator)

2023

Horizon Pathfinder 3D Spiro MRI project. Work package leader of pediatric MRI studies. Grant 513.000€ (Co-applicant)

Supervision of scientific staff

I am currently (September 2024) supervising 7 PhD students (as co-promoter):

- *Research associate: Cristina Cretu*
 - *Topic PhD: Magnetic Resonance Imaging in adult Interstitial Lung Diseases*
- *PhD candidate W den Bosch*
 - *Topic PhD: Quantitative Imaging of pediatric asthma using CT and MRI*
- *PhD candidate Angelina Pieters*
 - *Topic PhD: Automatic quantification of non-CF bronchiectasis in adult and pediatric patients using machine learning*
- *PhD candidate Quieting LV*
 - *Assessment of airways artery ratio in Cystic Fibrosis Lung disease*
- *PhD candidate Federico Mollica*
 - *Airways phenotyping of chronic diseases with chest computed tomography: an objective quantification of disease progression in non CF bronchiectasis.*
- *PhD candidate Ieva Aliukonyte: advanced imaging of pediatric chronic lung disease using photon counting CT and 3D Spiro MRI*
- *PhD candidate Yuxin Chen: Cutting edge quantitative imaging of small airways disease*

Completed PhD cycle

B Elders 2019-2022: MR Imaging of upper and lower airways disease

L Harlaar 2020-2023: MRI of diaphragmatic function in neuromuscular diseases

To date, I have mentored 3 research fellows and 3 master students. One of the master student (A.N.) was awarded at ECR 2018 as best scientific presentation in the pediatrics section.

I also been the supervisor of 2 Master student of the Medical Technical University of Delft.

I teach thoracic and pediatric imaging to radiology residents and master students at Erasmus MC and at University of Cagliari.

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AWARDS

2011

RSNA Trainee Research Prize

“Comparison of chest-MRI to chest-CT to monitor Cystic Fibrosis (CF) lung disease”


(lecture)

2006

“Guerrino Lenarduzzi” Prize of Venetian Institute of Science, Letters and Arts.

Awarded for the best Master’s Thesis in radiology

Curriculum updated September 19st 2024

A handwritten signature in black ink that reads "Pierluigi Ciet". The signature is written in a cursive style with a large, stylized 'C' at the end.