

## **PUBLICATIONS** (peer-review):

1. Mortensen J, Lange P, Viskum K. [Tuberculosis in Copenhagen. Patterns of presentation, treatment and prognosis]. Ugeskr Laeger. 1985; 147: 2488-93. (O)
2. Lange P, Mortensen J, Viskum K. Tuberculosis in a developed country. Acta Med Scand 1986; 219: 481-7. (O)
3. Mortensen J, Lange P, Viskum K. Lebenserwartung und Prognose zur Erwerbstätigkeit nach Erkrankung an Tuberkulose. Lebensversicherungs Medizin, Diagnose Prognose 1987; 5: 149-51. (R)
4. Lange P, Mortensen J, Viskum K. [Long-term sequelae of talcum pleurodesis]. Ugeskr Laeger. 1987; 34: 2246-8. (O)
5. Mortensen J, Groth S, Lange P, Rasmussen B, Larsen J, Secher NH. [Status of physical fitness following 41 days of rowing on the Atlantic Ocean]. Ugeskr Laeger. 1987; 149: 2851-2. (C)
6. Mortensen J, Groth S, Lange P, Rossing N. [Bronchoscintigraphy in research on the effect of terbutaline on mucociliary clearance in health individuals]. Ugeskr Laeger. 1988; 150: 1790-2. (O)
7. Mortensen J, Groth S, Lange P. [Pulmonary mucociliary clearance. Clinical aspects and possibilities for intervention]. Ugeskr Laeger. 1988; 150: 1775-8. (R)
8. Groth S, Mortensen J, Lange P, Munck E, Sørensen PG, Rossing N. Imaging of the airways by bronchoscintigraphy to study mucociliary clearance. Thorax 1988; 43: 360-5. (O)
9. Lange P, Groth S, Mortensen J, Jensen G, Schnohr P, Nyboe J, Appleyard M. Pulmonary function is influenced by heavy alcohol consumption. Am Rev Respir Dis 1988; 137: 1119-23. (O)
10. Lange P, Groth S, Mortensen J. [Alcohol and pulmonary disease]. Ugeskr Laeger. 1988; 150: 837-9. (R)
11. Lange P, Mortensen J, Groth S. Lung function 22-35 years after treatment of idiopathic spontaneous pneumothorax with talc poudrage or simple drainage. Thorax 1988; 43: 559- 61. (O)
12. Lange P, Schnohr P, Groth S, Mortensen J, Appleyard M, Jensen G. [Do health problems result in cessation of smoking?]. Ugeskr Laeger. 1988; 150: 2024-6. (O)
13. Lange P, Groth S, Mortensen J. [Cessation of smoking as secondary prevention in non-malignant diseases]. Ugeskr Laeger. 1988; 150: 2022-4. (R)
14. Mortensen J, Groth S, Lange P, Rossing N. Bronchoscintigraphic visualization of the acute effect of tobacco exposure and terbutaline in smokers. Eur Respir J 1989; 2: 721-6. (O)
15. Groth S, Funch-Rosenberg H, Mortensen J, Rossing N. 99Technetium-m-DTPA does not break down during ultrasound nebulization. Clin Physiol 1989; 9: 151-9. (O)
16. Groth S, Mortensen J, Lange P, Vest S, Swift DL, Rossing N. Effect of change in particle number on pulmonary clearance of aerosolized 99mTc-DTPA. J Appl Physiol 1989; 66(6): 2750-5. (O)
17. Lange P, Groth S, Kastrup J, Mortensen J, Appleyard M, Nyboe J, Jensen G, Schnohr P. Diabetes mellitus, plasma glucose and lung function in a cross-sectional population study. Eur Respir J 1989; 2: 14-9. (O)

18. Lange P, Groth S, Nyboe J, Appleyard M, Mortensen J, Jensen G, Schnohr P. Chronic obstructive lung disease in Copenhagen: Cross-sectional epidemiological aspects. *J Int Med* 1989;226: 25-32.(O)
19. Lange P, Groth S, Nyboe J, Mortensen J, Appleyard M, Schnohr P, Jensen G. Determinants of chronic mucus hypersecretion in a general population with special reference to the type of tobacco smoked. *Int J Epidemiol* 1989; 18(4): 882-7. (O)
20. Lange P, Groth S, Nyboe J, Mortensen J, Appleyard M, Jensen G, Schnohr P. Effects of smoking and changes in smoking habits on the decline of FEV1. *Eur Respir J* 1989; 2: 811-6. (O)
21. Mortensen J, Lange P, Storm HKR, Viskum K. Childhood tuberculosis in a developed country. *Eur Respir J* 1989; 2:985-7. (O)
22. Viskum K, Mortensen J, Lange P. Long-term prognosis after talc pleurodesis for spontaneous pneumothorax. *Praxis Pneumologie* 1989; 43: 105-6. (O)
23. Mortensen J. Mucociliary clearance in the lung. *Rev Med Chir Soc Med Iasi* 1990; 94(1): 9-17. (R)
24. Groth S, Kristiansen PEG, Mortensen J, Merrild D. Pulmonary absorption of instilled and inhaled DTPA in smokers. *Clin Physiol* 1990; 10(3): 231-43. (O)
25. Lange P, Groth S, Mortensen J, Appleyard M, Nyboe J, Schnohr P, Jensen G. Diabetes mellitus and ventilatory capacity: A five year follow-up study. *Eur Respir J* 1990; 3: 288-92. (O)
26. Lange P, Groth S, Nyboe J, Mortensen J, Appleyard M, Jensen G, Schnohr P. Decline of the lung function related to the type of tobacco smoked and inhalation. *Thorax* 1990; 45: 22-6. (O)
27. Lange P, Groth S, Nyboe J, Mortensen J, Appleyard M, Jensen G, Schnohr P. Phlegm production in plain cigarette smokers, who changed to filter cigarettes or quitted smoking. *J Int Med* 1990; 228:115-20. (O)
28. Mortensen J, Lange P, Storm HKR, Viskum K. [Tuberculosis in children in Copenhagen during 1975-1985]. *Ugeskr Laeger.* 1990; 152: 1226-8. (O)
29. Mortensen J, Falk M, Groth S, Jensen C. The effects of postural drainage and positive expiratory pressure physiotherapy on tracheobronchial clearance in cystic fibrosis. *Chest* 1991;100: 1350-7. (O)
30. Mortensen J, Jensen C, Groth S, Lange P. The effect of forced expirations on mucociliary clearance in patients with chronic bronchitis and healthy subjects. *Clin Physiol* 1991; 11: 439-50. (O)
31. Mortensen J, Groth S, Lange P, Hermansen F. Effect of terbutaline on mucociliary clearance in asthmatic and healthy subjects after inhalation from a pressurised inhaler and a dry powder inhaler. *Thorax* 1991; 46: 817-23. (O)
32. Backer V, Mortensen J. Distribution of radioactive aerosol in the airways of children and adolescents with bronchial hyperresponsiveness. *Clin Physiol* 1992; 12: 575-85. (O)
33. Mortensen J, Hansen A, Falk M, Nielsen IK, Groth S. Reduced effect of inhaled  $\beta_2$ -adrenergic agonists on lung mucociliary clearance in patients with cystic fibrosis. *Chest* 1993; 103: 805-811. (O)
34. Mortensen J, Lange P, Nyboe J, Groth S. Lung mucociliary clearance. *Eur J Nucl Med* 1994; 21: 953-61. (O)

35. Jacobsen S, Halberg P, Ullman S, Høier-Madsen M, Petersen J, Mortensen J, Wiik A. A longitudinal study of pulmonary function in Danish patients with systemic sclerosis. *Clin Rheumatol* 1997; 16 (4): 384-90. (O)
36. Mortensen J, Lange P, Groth S. [Lung function tests]. *Ugeskr Laeger*. 1997 Oct 27;159(44): 6499-6503. (R)
37. Mortensen J, Dirksen A, Olesen K. [Diagnostic imaging of lungs and pleura]. *Ugeskr Laeger*. 1997; 159: 7479-83. (R)
38. Toft J, Mortensen J, Hesse B. Risk of atrioventricular block during adenosine pharmacologic stress testing in heart transplant recipients. *Am J Cardiol* 1998; 82 (5): 696-697. (O)
39. Mortensen J. Bronchoscintigraphy and pulmonary clearance of Tc99m-albumin colloid in the study of mucociliary clearance. *Dan Med. Bull.* 1998; 45: 195-209. (DMSc thesis) (R)
40. Bartram P, Toft J, Hanel B, Ali S, Gustafsson F, Mortensen J, Hesse B. False-positive defects in technetium-99m-sestamibi myocardial single-photon emission tomography in healthy athletes with left ventricular hypertrophy. *Eur J Nucl Med* 1998; 25: 1308-1312. (O)
41. Pott F, Westergaard P, Mortensen J, Jansen EC. Hyperbaric oxygen treatment and pulmonary function. *Undersea Hyperb Med* 1999; 26: 225-8. (O)
42. Hendel HW, Buhl T, Mortensen J, Toft LV, Hesse B. Extraosseous accumulation of 99m-Tc diphosphonate. *Clin Nucl Med* 2000, 25: 844-6. (C)
43. Hanash JA, Boesen J, Mortensen J, Madsen FF. [Picture of the month: bronchiectasis and mucociliary clearance]. *Ugeskr Laeger*. 2000; 49: 6693. (C)
44. Jensen RB, Mortensen J, Dreyer M. [Acute deep venous thrombosis and PET scanning with 2-fluoro-2-deoxy-D-glucose, FDG]. *Ugeskr Laeger* 2001; 163: 5209-11. (C)
45. Fischer BMB, Mortensen J, Højgaard L. Positron emission tomography in the diagnosis and staging of lung cancer: a systematic, quantitative review. *Lancet Oncology* 2001; 11: 659-66. (R)
46. Mortensen J. [Can PET be a cost-effective diagnostic method?]. *Ugeskr Laeger* 2001; 163: 1129-30. (R)
47. Buhl T, Mortensen J, Kjaer A. I-123 MIBG Imaging and Intraoperative localization of Metastatic Pheochromocytoma . A case report. *Clin Nucl Med* 2002: 27; 183-5. (C)
48. Mortensen J, Henriksen JH. [Ventilation/perfusion lung scintigraphy in pulmonary embolism]. *Ugeskr. Laeger* 2002; 164: 1826-7. (E)
49. Stavngaard T, Mortensen J. Wegeners' s granulomatosis causing main stem bronchial stenosis and large perfusion-ventilation defects. *Clin Nucl Med* 2002: 27; 440-1. (C)
50. Stavngaard T, Mortensen J, Brenoe J, Svendsen LB. Lymphoscintigraphy using Technetium-99m Human Serum Albumin in Chylothorax. *Thorac Cardiovasc Surg* 2002; 50: 250-2. (C)
51. Wiis J, Mortensen J, Jacobsen E. [Hypodynamic respiratory insufficiency. Diagnostic investigation]. *Ugeskr Laeger*. 2002 Dec 30;165(1):15-20. (R)
52. Milman N, Mortensen J, Sloth C. Fluorodeoxyglucose PET scan in Pulmonary Sarcoidosis during Treatment with Inhaled and Oral Corticosteroids. *Respiration* 2003; 70: 408-13. (C)

53. Hanel B, Law I, Mortensen J. Maximal rowing has an acute effect on the blood-gas barrier in elite athletes. *J Appl Physiol* 2003; 95 (3):1076-82. (O)
54. Larsen KR, Mortensen J, Holst Pedersen J, Hansen HJ, Maltbæk N. [Evaluation of the physiological operability in patients with lung cancer. Methods and criteria]. *Ugeskr Laeger* 2003; 165: 3921-4. (R)
55. Fischer BM, Mortensen J, Dirksen A, Eigved A, Højgaard L. Positron Emission Tomography of incidentally detected small pulmonary nodules. *Nucl Med Comm* 2004; 25: 3-9. (O)
56. Oturai PS, Mortensen J, Enevoldsen H, Eigved A, Backer V, Olesen KP, Nielsen HW, Hansen H, Stentoft P, Friberg L.  $\gamma$ -Camera 18F-FDG PET in Diagnosis and Staging of Patients Presenting with Suspected Lung Cancer and Comparison with Dedicated PET. *J Nucl Med* 2004; 45: 1351-7. (O)
57. Fischer BMB & Mortensen J. [Lung cancer--should positron-emission tomography be used?]. *Ugeskr Laeger* 2004; 166: 2537-41. (R)
58. Vansteenkiste J, Fischer BM, Doms C, Mortensen J. Positron-emission tomography in prognostic and therapeutic assessment of lung cancer: a systematic review. *Lancet Oncol* 2004; 5(9):531-40. (R)
59. Stavngaard T, Mortensen J. Assessment of ventilation inhomogeneity with Krypton SPECT and planar imaging. *Clinical Physiology and Functional Imaging* 2005; 25 (2): 106-112. (O)
60. Stavngaard T, Søgaard LV, Mortensen J, Hanson LG, Schmiedeskamp J, Berthelsen AK, Dirksen A. Hyperpolarized  $^3\text{He}$  MRI and  $^{81}\text{mKr}$  SPECT in chronic obstructive pulmonary disease. *Eur J Nucl Med Mol Imaging* 2005; 32(4): 448-57. (O)
61. Juul K, Tybjaerg-Hansen A, Mortensen J, Lange P, Vestbo J, Nordestgaard BG. Factor V Leiden Homozygosity, Dyspnea, and Reduced Pulmonary Function. *Arch Intern Med* 2005; 165: 2032-2036. (O)
62. Mortensen J. [Diagnostic imaging in acute pulmonary embolism]. *Ugeskr. Laeger* 2005; 167 (41): 3863. PMID: 16221423 (E).
63. Fischer BM, Olsen MWB, Ley CD, Klausen TL, Mortensen J, Højgaard L, Kristjansen PEG. How few cancer cells can be detected by positron emission tomography? A frequent question addressed by an in vitro study. *Eur J Nucl Med Mol Imaging* 2006; 33(6): 697-702. (O)
64. Fischer BM, Mortensen J. The Future in Diagnosis and Staging of Lung Cancer: Positron Emission Tomography. *Respiration* 2006; 73: 267-76. (R)
65. Fischer BM, Mortensen J, Langer SW, Loft A, Berthelsen AK, Daugaard G, Lassen U, Hansen HH. PET/CT imaging in response evaluation of patients with small cell lung cancer. *Lung Cancer* 2006; 54(1): 41-9. (O)
66. Bilde A, Von Buchwald C, Mortensen J, Marving J, Hamilton Therkildsen M, Kirkegaard J, Charabi B, Specht L. The role of SPECT-CT in the lymphoscintigraphic identification of sentinel nodes in patients with oral cancer. *Acta Otolaryngol* 2006; 126 (10): 1096-103. (O)
67. Fischer BM, Mortensen J, Langer SW, Loft A, Berthelsen AK, Petersen BL, Daugaard G, Lassen U, Hansen HH. A prospective study of PET/CT in initial staging of small-cell lung cancer: comparison with CT, bone scintigraphy and bone marrow analysis. *Ann Oncol* 2007;18(2):338-45.(O)

68. Burton CM, Iversen M, Milman N, Zemtsovski M, Carlsen J, Steinbruchel, Mortensen J, Andersen CB. Outcome of lung transplanted patients with primary graft dysfunction. *Eur J Cardiothorac Surg* 2007; 31: 75-82. (O)
69. Mortensen J, Fischer BM. Nuclear Medicine Techniques and Applications in Pulmonology with a special emphasis on PET. *Turkiye Klinikleri J Int Med Sci* 2006; 2(32): 68-74. (R)
70. Gutte H, Mortensen J, Jensen C, von der Recke P, Sloth Kristoffersen U, Kjær A. Added value of combined simultaneous lung ventilation-perfusion single-photon emission computed tomography/multi-slice-computed tomography angiography in two patients suspected of having acute pulmonary embolism. *The Clinical Respiratory Journal* 2007; 1 (1), 52–55. (C)
71. Petersen AM, Penkowa M, Iversen M, Frydelund-Larsen L, Andersen JL, Mortensen J, Lange P, Pedersen BK. Elevated Levels of IL-18 in Plasma and Skeletal Muscle in Chronic Obstructive Pulmonary Disease. *Lung* 2007; 185: 161-171. (O)
72. Shaker SB, Dirksen A, Bach KS, Mortensen J. Imaging in chronic obstructive pulmonary disease. *COPD* 2007; 4(2): 143-61. (R)
73. Marthin JK, Mortensen J, Pressler T, Nielsen KG. Pulmonary Radioaerosol Mucociliary Clearance in Diagnosis of Primary Ciliary Dyskinesia. *Chest* 2007; 132: 966-976. (O)
74. Burton CM, Carlsen J, Mortensen J, Andersen CB, Milman N, Iversen M. Long-term survival after lung transplantation depends on development and severity of bronchiolitis obliterans syndrome. *J Heart Lung Transplant* 2007; 26: 681-6. (O)
75. Burton CM, Iversen M, Mortensen J, Carlsen J, Andersen CB, Milman N, Scheike T. Post-transplant Baseline FEV1 and the Development of Bronchiolitis Obliterans Syndrome: An Important Confounder? *J Heart Lung Transplant* 2007; 26(11): 1127-34. (O)
76. Mortensen J, Loft A, Baslund B. 18F-Fluoro-deoxyglucose PET for monitoring treatment in sarcoidosis. *The Clinical Respiratory Journal* 2007; 1(2): 124-6. (C)
77. Bilde A, von Buchwald C, Therkildsen MH, Mortensen J, Kirkegaard J, Charabi B, Specht L. Need for Intensive Histopathologic Analysis to Determine Lymph Node Metastases When Using Sentinel Node Biopsy in Oral Cancer. *Laryngoscope* 2008; 118(3): 408-14. Erratum 118(4):760. (O)
78. Mortensen J. [Lung scintigraphy--SPECT/CT. The Danish Society of Clinical Physiology and Nuclear Medicine].. *Ugeskr Laeger*. 2008 Mar 17;170(12):1040.PMID:18397658 (R)
79. Bräuner EV, Mortensen J, Møller P, Bernard A, Vinzents P, Wählin P, Glasius M, Loft S. Effects of ambient air particulate exposure on blood-gas barrier permeability and lung function. *Inhal Toxicol* 2009; 21(1): 38-47. (O)
80. Kristoffersen US, Straalman K, Schmidt G, Klyver H, Mortensen J, Andersen PA, Chakera AH, Kjaer A. Radiation exposure to surgical staff during hyperthermic isolated limb perfusion with 99mTechnetium labeled red blood cells. *Int J Hyperthermia* 2009; 25(1): 86-9. (O)
81. Arveschoug AK, Hjorthaug K, Rehling M, Højgaard L, Mortensen J, Oturai PS. [Peptide receptor radionuclide therapy of neuroendocrine tumors]. *Ugeskr Laeger*. 2009; 171 (13): 1073. (R)
82. Pedersen JH, Ashraf H, Dirksen A, Bach K, Hansen H, Toennesen P, Thorsen H, Brodersen J, Skov BG, Døssing M, Mortensen J, Richter K, Clementsen P, Seersholm N. The Danish Randomized

Lung Cancer CT Screening Trial-Overall Design and Results of the Prevalence Round. *J Thorac Oncol* 2009; 4: 608-614. (O)

83. Gutte H, Mortensen J, Jensen CV, Johnbeck CB, von der Recke P, Petersen CL, Kjærgaard J, Kristoffersen US, Kjær A. Detection of pulmonary embolism with combined ventilation /perfusion SPECT and low-dose CT: head-to-head comparison with CT-angiography. *J Nucl Med* 2009; 50: 1987-1992. (O)
84. Jeppesen PB, Lund P, Gottschalck IB, Nielsen HB, Holst JJ, Mortensen J, Poulsen SS, Quistorff B, Mortensen PB. Short Bowel Patients Treated for Two Years with Glucagon-Like Peptide 2 (GLP-2): Compliance, Safety and Effects on Quality of Life. *Gastroenterol Res Pract.* 2009; articl ID 425759, 9 pages. (O)
85. Jeppesen PB, Lund P, Gottschalck IB, Nielsen HB, Holst JJ, Mortensen J, Poulsen SS, Quistorff B, Mortensen PB. Short bowel patients treated for two years with glucagon-like Peptide 2: effects on intestinal morpholiogy and absorption, renal function, bone and body composition and muscle function. *Gastroenterol Res Pract.* 2009;article ID 616054, 12 pages. (O)
86. Burton CM, Iversen M, Carlsen J, Mortensen J, Andersen CB, Steinbrüchel D, Scheike T. Acute cellular rejection is a risk factor for bronchiolitis obliterans syndrome independent of post-transplant baseline FEV1. *J Heart Lung Transplant* 2009; 28(9): 888-93. (O)
87. Fischer B, Lassen U, Mortensen J, Larsen S, Loft A, Bertelsen A, Ravn J, Clementsen P, Høgholm A, Larsen K, Rasmussen T, Keiding S, Dirksen A, Gerke O, Skov B, Steffensen I, Hansen H, Vilmann P, Jacobsen G, Backer V, Maltbæk N, Pedersen J, Madsen H, Nielsen H, Højgaard L. Preoperative staging of lung cancer with combined PET-CT. *N Engl J Med* 2009; 361(1): 32-39. (O)
88. Alkureishi LW, Burak Z, Alvarez JA, Ballinger J, Bilde A, Britten AJ, Calabrese L, Chiesa C, Chiti A, de Bree R, Gray HW, Hunter K, Kovacs AF, Lassmann M, Leemans CR, Mamelle G, McGurk M, Mortensen J, Poli T, Shoaib T, Sloan P, Sorensen JA, Stoeckli SJ, Thomsen JB, Trifiro G, Werner J, Ross GL; The European Association of Nuclear Medicine (EANM) Oncology Committee and European Sentinel Node Biopsy Trial (SENT) Committee. Joint practice guidelines for radionuclide lymphoscintigraphy for sentinel node localization in oral/oropharyngeal squamous cell carcinoma. *Eur J Nucl Med Mol Imaging* 2009; 36: 1915-1936 & *Ann Surg Oncol* 2009; 16(11): 3190-3210. (R)
89. Gutte H, Mortensen J, Jensen CV, von der Recke P, Petersen CL, Kristoffersen US, Kjær A. Comparison of V/Q-SPECT and planar V/Q-lung scintigraphy in diagnosing acute pulmonary embolism. *Nuclear Medicine Communications* 2010; 31: 82-86. (O)
90. Gutte H, Mortensen J, Jensen CV, Johnbeck CB, von der Recke P, Petersen CL, Kristoffersen US, Kjær A. [SPECT combined with CT angiography yield better diagnostic accuracy of pulmonary embolism--secondary publication]. *Ugsk Laeger.* 2010; 172 (1): 41-43. (O)
91. Dejanovic, Widding Høyer A, Mortensen J, Højgaard L. Symmetrical nail bed uptake on a <sup>99m</sup>Tc-HDP bone scan in a patient with Wegener's granulomatosis. *Eur J Nucl Med Mol Imaging* 2010; 37(2): 410. (C)

92. Andersen JB, Mortensen J, Damgaard K, Skov M, Sparup J, Petersen BL, Rechnitzer C, Borgwardt L. Fourteen-year-old girl with endobronchial carcinoid tumour presenting with asthma and lobar emphysema. *Clinical Respiratory Journal* 2010; 4: 120-124. (C)
93. Binderup T, Knigge U, Loft A, Mortensen J, Pfeifer A, Federspiel B, Hansen CP, Højgaard L, Kjaer A. Functional imaging of neuroendocrine tumors: a head-to-head comparison of somatostatin receptor scintigraphy, 123I-MIBG scintigraphy and 18F-FDG PET. *J Nucl Med* 2010; 51(5): 704-12. (O)
94. Janson ET, Sørbye H, Welin S, Federspiel B, Grønbaek H, Hellman P, Mathisen O, Mortensen J, Sundin A, Thiis-Evensen E, Välimäki MJ, Oberg K, Knigge U. Nordic Guidelines 2010 for diagnosis and treatment of gastroenteropancreatic neuroendocrine tumours. *Acta Oncol* 2010; 49(6): 740-56. (R)
95. Gutte H, Oxbøl J, Kristoffersen US, Mortensen J, Kjær A (2010) Gene Expression of ANP, BNP and ET-1 in the Heart of Rats during Pulmonary Embolism. *PLoS ONE* 5(6): e11111. doi:10.1371/journal.pone.0011111 (O)
96. Gutte H, Mortensen J, Jensen CV, von der Recke P, Petersen CL, Kristoffersen US, Kjær A. ANP, BNP and D-dimer predict right ventricular dysfunction in patients with acute pulmonary embolism. *Clin Physiol Funct Imaging*. 2010; 30: 466-71. (O)
97. Bennett WD, Daviskas E, Hasani A, Mortensen J, Fleming J, Scheuch G. Mucociliary and Cough Clearance as a Biomarker for Therapeutic Development. *J Aerosol Med Pulm Drug Deliv*. 2010; 25 (5): 1-12. (R)
98. Bajc M, Neilly B, Miniati M, Mortensen J, Jonson B. Methodology for Ventilation/Perfusion SPECT. *Semin Nucl Med*. 2010; 40(6): 415-25. (R)
99. Kjær A, Knigge U, Mortensen J, Hansen CP, Fallentin E. [Localization diagnostics of neuroendocrine gastrointestinal tumours]. *Ugeskr Laeger*. 2010 Oct 25;172(43):2953-6. (R)
100. Mortensen J, Oturai P, Højgaard L, Knigge U, Hansen CP, Martín L, Rasmussen P, Kjær A. [Radionuclide therapy for neuroendocrine tumours]. *Ugeskr Laeger*. 2010; 172(43): 2950-3. (R)
101. Hansen CP, Langer S, Frevert S, Mortensen J, Kjær A, Knigge U. [Treatment of neuroendocrine tumours of the gastrointestinal tract]. *Ugeskr Laeger*. 2010; 172(43): 2942-5. (R)
102. Jensen SA, Hasbak P, Mortensen J, Sørensen JB. Fluorouracil Induces Myocardial Ischemia With Increases of Plasma Brain Natriuretic Peptide and Lactic Acid but Without Dysfunction of Left Ventricle. *J Clin Oncol*. 2010; 28(36): 5280-6. (O)
103. Fischer BM, Mortensen J, Hansen H, Vilmann P, Larsen SS, Loft A, Bertelsen AK, Ravn J, Clementsen P, Høegholm A, Larsen KR, Dirksen A, Skov BG, Krasnik M, Højgaard L, Lassen U. Multimodality approach to mediastinal staging in non-small cell lung cancer. Faults and benefits of PET-CT: a randomised trial. *Thorax*. 2011; 66: 294-300. (O)
104. Søgaard R, Fischer BM, Mortensen J, Højgaard L, Lassen U. Preoperative staging of lung cancer with PET/CT: cost-effectiveness evaluation alongside a randomized controlled trial. *Eur J Nucl Med Mol Imaging*. 2011; 38(5): 802-9. (O)

105. Christensen A, Bilde A, Therkildsen MH, Mortensen J, Charabi B, Kirkegaard J, Specht L, Buchwald CV. The prevalence of occult metastases in nonsentinel lymph nodes after step-serial sectioning and immunohistochemistry in cN0 oral squamous cell carcinoma. *Laryngoscope*. 2011; 121(2): 294-8. (O)
106. Andersen JB, Mortensen J, Bech BH, Højgaard L, Borgwardt L. First experiences from Copenhagen with paediatric single photon emission computed tomography/computed tomography. *Nucl Med Commun*. 2011; 32(5): 356-62. (O)
107. Ashraf H, Dirksen A, Loft A, Bertelsen AK, Bach KS, Hansen H, Pedersen JH, Mortensen J. Combined use of positron emission tomography and volume doubling time in lung cancer screening with low-dose CT scanning. *Thorax*. 2011; 66(4): 315-9. (O)
108. Petersen M, Elers J, Børglum J, Belhage B, Mortensen J, Maschmann C. Is pulmonary function affected by bilateral dual transversus abdominis plane block? A randomized, placebo-controlled, double-blind, crossover pilot study in healthy male volunteers. *Reg Anesth Pain Med*. 2011; 36(6): 568-71. (O)
109. Gutte H, Mortensen J, Hag AM, Jensen CV, Kristoffersen US, Brinth L, Kjaer A. Limited value of novel pulmonary embolism biomarkers in patients with coronary atherosclerosis. *Clin Physiol Funct Imaging*. 2011; 31(6): 452-7. (O)
110. Milman N, Graudal N, Loft A, Mortensen J, Larsen J, Baslund B. Effect of the TNF $\alpha$  inhibitor adalimumab in patients with recalcitrant sarcoidosis: a prospective observational study using FDG-PET. *Clin Respir J*. 2012; 6(4): 238-47. (O)
111. Hilberg O, Andersen CU, Henning O, Lundby TS, Mortensen J, Bendstrup E. Remarkably Efficient Inhaled Antifungal Mono-Therapy for Invasive Pulmonary Aspergillosis. *Eur Respir J*. 2012; 40(1): 271-3. (O)
112. Fischer BM, Mortensen J. The role of positron emission tomography for evaluation of lung nodules and staging lung cancer. *Current Respiratory Care Reports* March 2012; 1 (Issue 1): 30-9. DOI 10.1007/s13665-011-0007-4. (R)
113. Belmaati EO, Iversen M, Kofoed KF, Nielsen MB, Mortensen J. Scintigraphy at 3 months after single lung transplantation and observations of primary graft dysfunction and lung function. *Interact Cardiovasc Thorac Surg*. 2012; 14(6): 792-6. (O)
114. Belmaati EO, Steffensen I, Jensen C, Kofoed KF, Mortensen J, Nielsen MB, Iversen M. Radiological patterns of primary graft dysfunction after lung transplantation evaluated by 64-multi-slice computed tomography: a descriptive study. *Interact Cardiovasc Thorac Surg*. 2012; 14(6): 785-91. (O)
115. Saghiri Z, Dirksen A, Ashraf H, Bach KS, Brodersen J, Clementsen PF, Døssing M, Hansen H, Kofoed KF, Larsen KR, Mortensen J, Rasmussen JF, Seersholm N, Skov BG, Thorsen H, Tønnesen P, Pedersen JH. CT screening for lung cancer brings forward early disease. The randomised Danish Lung Cancer Screening Trial: status after five annual screening rounds with low-dose CT. *Thorax*. 2012; 67(4): 296-301. (O)

116. Gutte H, Mortensen J, Kristoffersen US, Kjær A. [Combined ventilation/perfusion SPECT/CT is best for diagnosing pulmonary embolism]. *Ugeskr Laeger*. 2012; 174(6): 334-6. (R)
117. Andersen KH, Iversen M, Kjaergaard J, Mortensen J, Nielsen-Kudsk JE, Bendstrup E, Videbaek R, Carlsen J. Prevalence, predictors, and survival in pulmonary hypertension related to end-stage chronic obstructive pulmonary disease. *J Heart Lung Transplant* 2012; 31(4): 373-80. (O)
118. Løkke A, Marott JL, Mortensen J, Nordestgaard BG, Dahl M, Lange P. New Danish Reference Values for Spirometry. *Clin Respir J*. 2013; 7(2): 153-67. (O)
119. Kristoffersen US, Lebech AM, Mortensen J, Gerstoft J, Gutte H, Kjaer A. Changes in lung function of HIV-infected patients: a 4-5 year follow-up study. *Clin Physiol Funct Imaging*. 2012 Jul;32(4):288-95. doi: 10.1111/j.1475-097X.2012.01124.x. (O)
120. Pfeifer A, Knigge U, Mortensen J, Oturai P, Berthelsen AK, Loft A, Binderup T, Rasmussen P, Elema D, Klausen TL, Holm S, von Benzön E, Højgaard L, Kjaer A. Clinical PET of Neuroendocrine Tumors Using <sup>64</sup>Cu-DOTATATE: First-in-Humans Study. *J Nucl Med* 2012; 53(8): 1207-15. (O)
121. Lund P, Sangild PT, Aunsholt L, Hartmann B, Holst II, Mortensen J, Mortensen PB, Jeppesen PB. Randomised controlled trial of colostrum to improve intestinal function in patients with short bowel syndrome. *Eur J Clin Nutr* 2012; 66(9): 1059-65. doi: 10.1038/ejcn.2012.93. (O)
122. Søgaard R, Fischer BM, Mortensen J, Rasmussen TR, Lassen U. The optimality of different strategies for supplemental staging of non-small-cell lung cancer: a health economic decision analysis. *Value Health* 2013; 16(1): 57-65. doi: 10.1016/j.jval.2012.09.007. (O)
123. Lehnert P, Møller CH, Carlsen J, Grande P, Mortensen J, Steinbrüchel DA. [Patients with acute critical pulmonary embolism should be evaluated and treated in a centre with medical and surgical possibilities]. *Ugeskr Laeger*. 2013; 175(22): 1552-5. (R)
124. Sebbesen L, Bilde A, Therkildsen M, Mortensen J, Specht L, von Buchwald C. 3 years follow-up of sentinel node negative patients with early oral cavity squamous cell carcinoma. *Head Neck*. 2014; 36(8):1109-12. doi: 10.1002/hed.23414. (O)
125. Munkholm ML, Mortensen J. Mucociliary Clearance. Pathophysiological aspects. *Clin Physiol Funct Imaging*. 2014; 34(3): 171-7. doi: 10.1111/cpf.12085 (R)
126. Mortensen J, Gutte H. SPECT/CT and pulmonary embolism. *Eur J Nucl Med Mol Imaging*. 2014; 41(1): 81-90. DOI 10.1007/s00259-013-2614-5. (R)
127. Field JK, van Klaveren R, Pedersen JH, Pastorino U, Paci E, Becker N, Infante M, Oudkerk M, de Koning HJ; European Randomized Screening Trial Group. European randomized lung cancer screening trials: Post NLST. *J Surg Oncol*. 2013; 108(5): 280-6. doi: 10.1002/jso.23383. (R)
128. Paulsen IF, Chakera AH, Drejøe JB, Klyver H, Dahlstrøm K, Mortensen J, Oturai PS, Hesse B, Schmidt G, Drzewiecki K. Tumour response after hyperthermic isolated limb perfusion for locally advanced melanoma. *Dan Med J*. 2014. Jan; 61(1): A4741. (O)
129. Mohr M, Nordsborg NB, Lindenskov A, Steinholm H, Nielsen HP, Mortensen J, Weihe P, Krstrup P. High-Intensity Intermittent Swimming Improves Cardiovascular Health Status for Women with Mild Hypertension. *Biomed Res Int*. 2014;2014:728289. doi: 10.1155/2014/728289. (O)

130. Larsen SS, Vilmann P, Krasnik K, Dirksen A, Clementsen P, Skov BG, Jacobsen GK, Lassen U, Eigrtved A, Berthelsen AK, Mortensen J, Hoejgaard L. A comparison of endoscopic ultrasound guided biopsy and positron emission tomography with integrated computed tomography in lung cancer staging. *Curr Health Sci J*. 2009 Jan;35(1):5-12. (registered in PubMed in 2014). (O)
131. Janson ET, Sorbye H, Welin S, Federspiel B, Grønbæk H, Hellman P, Ladekarl M, Langer SW, Mortensen J, Schalin-Jäntti C, Sundin A, Sundlöv A, Thiis-Evensen E, Knigge U. Nordic Guidelines 2014 for Diagnosis and Treatment of Gastroenteropancreatic Neuroendocrine Neoplasms. *Acta Oncol*. 2014 Aug 20:1-14. (R)
132. Håkansson K, Thomsen SF, Konge L, Mortensen J, Zachariae C, Backer V, von Buchwald C. A comparative and descriptive study of asthma in chronic rhinosinusitis with nasal polyps. *American Journal of Rhinology and Allergy* 2014 Sep;28(5):383-7. doi: 10.2500/ajra.2014.28.4076. (O)
133. Mohr M, Lindenskov A, Holm PM, Nielsen HP, Mortensen J, Weihe P, Krstrup P. Football training improves cardiovascular health profile in sedentary, premenopausal hypertensive women. *Scan J Med Sci Sports* 2014, 24 (suppl. 1): 36-42 doi: 10.1111/sms.12278. (O)
134. Paulsen IF, Chakera AH, Schmidt G, Drejøe J, Klyver H, Oturai PS, Hesse B, Drzewiecki K, Mortensen J. Radionuclide leakage monitoring during hyperthermic isolated limb perfusion for treatment of local melanoma metastasis in an extremity. *Clin Physiol Funct Imaging*. 2014 Jun 5. doi: 10.1111/cpf.12164. (O)
135. Mortensen J, Højgaard L. [Radium-223 treatment of bone metastases from castration-resistant prostate cancer]. *Ugeskr Laeger*. 2014 Jul 21;176(30). pii: V04130224. (R)
136. Saghir Z, Dirksen A, Ashraf H, Bach KS, Brodersen J, Clementsen PF, Døssing M, Hansen H, Kofoed KF, Larsen KR, Mortensen J, Rasmussen JF, Thomsen LH, Wille MM, Seersholm N, Skov BG, Thorsen H, Tønnesen P, Pedersen JH. [Lung cancer screening with low-dose CT - Danish and international results.] *Ugeskr Laeger*. 2014 Oct 13;176(42). pii: V05140283. PMID: 25316371. (R)
137. Saghir Z, Dirksen A, Ashraf H, Bach KS, Brodersen J, Clementsen PF, Døssing M, Hansen H, Kofoed KF, Larsen KR, Mortensen J, Rasmussen JF, Thomsen LH, Wille MM, Seersholm N, Skov BG, Thorsen H, Tønnesen P, Pedersen JH. [Lung cancer screening with low dose CT requires careful consideration.] *Ugeskr Laeger*. 2014 Oct 13;176(42). pii: V06140341. PMID: 25316363. (R)
138. Uhlving HH, Andersen CB, Christensen IJ, Gormsen M, Pedersen KD, Buchvald F, Heilmann C, Nielsen KG, Mortensen J, Moser C, Sengeløv H, Müller KG. Biopsy-verified Bronchiolitis Obliterans and Other Non-infectious Lung Pathologies after Allogeneic Hematopoietic Stem Cell Transplantation. *Biol Blood Marrow Transplant*. 2015 Mar;21(3):531-8. (O)
139. Thomas A, Hanel B, Marott JL, Buchwald F, Mortensen J, Nielsen KG. The Single Breath Diffusing Capacity of CO and NO in Healthy Caucasian children. *PLoS One*. 2014 Dec 16;9(12):e113177. doi: 10.1371/journal.pone.0113177. (O)
140. Mortensen J. Assessing nodules detected in lung cancer screening: the value of positron emission tomography. *Eur Respir J*. 2015 Feb;45(2):314-6. doi: 10.1183/09031936.00192714. (E)

141. Pfeifer A, Knigge U, Binderup T, Mortensen J, Oturai P, Loft A, Berthelsen AK, Langer SW, Rasmussen P, Elema D, von Benzön E, Højgaard L, Kjaer A. <sup>64</sup>Cu-DOTATATE PET for Neuroendocrine Tumors: a Prospective Head-to-Head Comparison with <sup>111</sup>In-DTPA-octreotide in 112 Patients. *J Nucl Med*. 2015 Jun;56(6):847-54. doi: 10.2967/jnumed.115.156539. (O)
142. Willowson KP, Tapner M; QUEST Investigator Team, Bailey DL. A multicentre comparison of quantitative <sup>90</sup>Y PET/CT for dosimetric purposes after radioembolization with resin microspheres : The QUEST Phantom Study. *Eur J Nucl Med Mol Imaging*. 2015 Jul;42(8):1202-22. doi: 10.1007/s00259-015-3059-9. (O)
143. Oyen W, Sundram F, BAO B, Haug AR, Kairemo K, Lewington V, Mäenpää H, Mortensen J, Mottaghy F, Virgolini I, O'Sullivan JM, Wyndaele D. Radium-223 Dichloride (Ra-223) for the Treatment of Metastatic Castration-resistant Prostate Cancer: Optimizing Clinical Practice in Nuclear Medicine Centers. *The Journal of OncoPathology* 2015; 3:1-25. (R)
144. Pedersen NJ, Jensen DH, Hedbäck N, Frendø M, Kiss K, Lelkaitis G, Mortensen J, Christensen A, Specht L, von Buchwald C. Staging of early lymph node metastases with the sentinel lymph node technique and predictive factors in T1/T2 oral cavity cancer: A retrospective single-center study of 253 consecutive patients. *Head Neck*. 2016 Apr; 38 Suppl 1:E1033-40. (O)
145. Munkholm M, Nielsen KG, Mortensen J. Clinical value of measurement of pulmonary radioaerosol mucociliary clearance in the work up of primary ciliary dyskinesia. *EJNMMI Res*. 2015 Dec;5(1):118. doi: 10.1186/s13550-015-0118-y (O)
146. Jensen AS, Idorn L, Thomsen C, von der Recke P, Mortensen J, Sørensen KE, Thilén U, Nagy E, Kofoed KF, Ostrowski SR, Søndergaard L. Prevalence of cerebral and pulmonary thrombosis in patients with cyanotic congenital heart disease. *Heart*. 2015 Jun 5. pii: heartjnl-2015-307657. doi: 10.1136/heartjnl-2015-307657. (O)
147. Tabaksblat EM, Langer SW, Knigge U, Grønbæk H, Mortensen J, Petersen RH, Federspiel BH, Ladekarl M. Diagnosis and treatment of bronchopulmonary neuroendocrine tumours: State of the art. *Acta Oncol*. 2016;55(1):3-14. (R)
148. Mohr M, Helge EW, Petersen LF, Lindenskov A, Weihe P, Mortensen J, Jørgensen NR, Krstrup P. Effects of soccer vs swim training on bone formation in sedentary middle-aged women. *Eur J Appl Physiol*. 2015 Dec;115(12):2671-9. doi: 10.1007/s00421-015-3231-8. (O)
149. Klausen TL, Mortensen J, de Nijs R, Andersen FL, Højgaard L, Beyer T, Holm S. Intravenous contrast-enhanced CT can be used for CT-based attenuation correction in clinical (<sup>111</sup>In)-octreotide SPECT/CT. *EJNMMI Phys*. 2015 Dec;2(1):3. doi: 10.1186/s40658-015-0108-1. (O)
150. de Nijs R, Jensen BN, Mortensen J. Missing head and color banding in low-count SPECT reconstructions. *EJNMMI Phys*. 2014 Dec;1(1):10. doi: 10.1186/2197-7364-1-10. (O)
151. Christensen A, Juhl K, Charabi B, Mortensen J, Kiss K, Kjaer A, von Buchwald C. Feasibility of Real-Time Near-Infrared Fluorescence Tracer Imaging in Sentinel Node Biopsy for Oral Cavity Cancer Patients. *Ann Surg Oncol*. 2016 Feb;23(2):565-72. (O)
152. Wille MM, Dirksen A, Ashraf H, Saghir Z, Bach KS, Brodersen J, Clementsen PF, Hansen H, Larsen KR, Mortensen J, Rasmussen JF, Seersholm N, Skov BG, Thomsen LH, Tønnesen P,

- Pedersen JH. Results of the Randomized Danish Lung Cancer Screening Trial with Focus on High-risk Profiling. *Am J Respir Crit Care Med*. 2016 Mar;193(5):542-51. (O)
153. Malmberg C, Ripa RS, Johnbeck CB, Knigge U, Langer SW, Mortensen J, Oturai P, Loft A, Hag AM, Kjær A. <sup>64</sup>Cu-DOTATATE for Noninvasive Assessment of Atherosclerosis in Large Arteries and Its Correlation with Risk Factors: Head-to-Head Comparison with <sup>68</sup>Ga-DOTATOC in 60 Patients. *J Nucl Med*. 2015 Dec;56(12):1895-900. doi: 10.2967/jnumed.115.161216. (O)
  154. Løkke A, Ahlbeck L, Bjermer L, Mortensen J, Østrem A, Pasternack I, Safioti G, Torvinen S. Expert Nordic perspectives on the potential of novel inhalers to overcome unmet needs in the management of obstructive lung disease. *Eur Clin Respir J*. 2015 Dec 16;2:29445. doi: 10.3402/ecrj.v2.29445. (R)
  155. Sisman Y, Buchvald F, Blyme AK, Mortensen J, Nielsen KG. Pulmonary function and fitness years after treatment for hypersensitivity pneumonitis during childhood. *Pediatr Pulmonol*. 2016 Aug;51(8):830-7. (O)
  156. Olsen IH, Langer SW, Federspiel BH, Oxbøl J, Loft A, Berthelsen AK, Mortensen J, Oturai P, Knigge U, Kjær A. (68)Ga-DOTATOC PET and gene expression profile in patients with neuroendocrine carcinomas: strong correlation between PET tracer uptake and gene expression of somatostatin receptor subtype 2. *Am J Nucl Med Mol Imaging*. 2016 Jan 28; 6(1): 59-72. (O)
  157. Gutte H, Mortensen J, Mørk ML, Kristoffersen US, Jensen CV, Petersen CL, von der Recke P, Kjaer A. Non-ECG-gated CT pulmonary angiography and the prediction of right ventricular dysfunction in patients suspected of pulmonary embolism. *Clin Physiol Funct Imaging*. 2017 Nov; 37(6):575-81 (O)
  158. Cucchi F, Berg RM, Mortensen J. The alveolar-arterial oxygen difference in acute pulmonary thromboembolism: a classical concept revisited. *Scand J Clin Lab Invest*. 2016 Oct;76(6):511-2. (O)
  159. Lauritsen J, Kier MG, Bandak M, Mortensen MS, Thomsen FB, Mortensen J, Daugaard G. Pulmonary Function in Patients With Germ Cell Cancer Treated With Bleomycin, Etoposide, and Cisplatin. *J Clin Oncol*. 2016 May 1;34(13):1492-9. (O) [One of 5 best papers in JCO in 2016]
  160. Johnbeck CB, Knigge U, Loft A, Berthelsen AK, Mortensen J, Oturai P, Langer S, Elema D, Kjaer A. Head-to-head comparison of <sup>64</sup>Cu-DOTATATE and <sup>68</sup>Ga-DOTATOC PET/CT: a prospective study of 59 patients with neuroendocrine tumors. *J Nucl Med*. 2017 Mar; 58(3):451-7. (O)
  161. Lehnert P, Møller CH, Mortensen J, Kjaergaard J, Olsen PS, Carlsen J. Surgical embolectomy compared to thrombolysis in acute pulmonary embolism – morbidity and mortality. *Eur J Cardiothorac Surg* 2017; 51: 354-361 (O)
  162. Christensen A, Juhl K, Persson M, Charabi BW, Mortensen J, Kiss K, Lelkaitis G, Rubek N, von Buchwald C, Kjær A. uPAR-targeted optical near-infrared (NIR) fluorescence imaging and PET for image-guided surgery in head and neck cancer: proof-of-concept in orthotopic xenograft model. *Oncotarget*. 2017 Feb 28; 8(9):15407-19. (O)

163. Krstrup P, Skoradal M-B, Randers MB, et al. Broad-spectrum health improvements with 1 year of soccer training in inactive mildly hypertensive middle-aged women. *Scand J Med Sci Sports*. 2017;00:1–9. doi:10.1111/sms.12829. (O)
164. Lauridsen TK, Iversen KK, Ihlemann N, Hasbak P, Loft A, Berthelsen AK, Dahl A, Dejanovic D, Albrecht-Beste E, Mortensen J, Kjær A, Bundgaard H, Bruun NE. Clinical Utility of <sup>18</sup>F-FDG Positron Emission Tomography/ Computed Tomography Scan vs. <sup>99m</sup>Tc-HMPAO White Blood Cell Single-Photon Emission Computed Tomography in Extra-cardiac Work-up of Infective Endocarditis. *Int J Cardiovasc Imaging*. 2017 May; 33(5):751-60. (O)
165. Kristensen AW, Mortensen J, Berg RB. Pulmonary Thromboembolism as a Complication of Lung Transplantation. *Clin Transplant* 2017; 31: e12922. <https://doi.org/10.1111/ctr.12922> (R)
166. Keizman D, Fosboel MO, Reichegger H, Peer A, Rosenbaum E, Desax MC, Neiman V, Petersen PM, Mueller J, Cathomas R, Gottfried M, Dresler H, Sarid D, Mermershtain W, Rouvinov K, Mortensen J, Gillessen S, Daugaard G, Omlin A. Imaging response during therapy with radium-223 for castration-resistant prostate cancer with bone metastases-analysis of an international multicenter database. *Prostate Cancer and Prostatic Diseases*. 2017; 20: 289-93. (O)
167. Löfgren J, Mortensen J, Rasmussen SH, Madsen C, Loft A, Hansen AE, Oturai P, Jensen KE, Mørk ML, Reichkender M, Højgaard L, Fischer BM. A prospective study comparing <sup>99m</sup>Tc-HDP planar bone scintigraphy and whole-body SPECT/CT with <sup>18</sup>F-fluoride PET/CT and <sup>18</sup>F-fluoride PET/MRI for diagnosing bone metastases. *J Nucl Med*. 2017; 58(11):1778-85. (O)
168. Bandak M, Jørgensen N, Juul A, Lauritsen J, Oturai PS, Mortensen J, Højman P, Helge JW, Daugaard G. Leydig cell dysfunction, systemic inflammation and metabolic syndrome in long-term testicular cancer survivors. *Eur J Cancer*. 2017 Oct;84:9-17. doi: 10.1016/j.ejca.2017.07.006.(O)
169. Bandak M, Jørgensen N, Juul A, Lauritsen J, Kier MGG, Mortensen MS, Oturai PS, Mortensen J, Højman P, Helge JW, Daugaard G. Reproductive hormones and metabolic syndrome in 24 testicular cancer survivors and their biological brothers. *Andrology*. 2017 Jul;5(4):718-724. doi: 10.1111/andr.12355. (O)
170. Christensen A, Kiss K, Lelkaitis G, Juhl K, Persson M, Charabi BW, Mortensen J, Forman JL, Sørensen AL, Jensen DH, Kjaer A, von Buchwald C. Urokinase-type plasminogen activator receptor (uPAR), tissue factor (TF) and epidermal growth factor receptor (EGFR): tumor expression patterns and prognostic value in oral cancer. *BMC Cancer*. 2017 Aug 25;17(1):572. doi: 10.1186/s12885-017-3563-3. (O)
171. Fosbøl MØ, Petersen PM, Daugaard G, Holm S, Kjaer A, Mortensen J. Impact of treatment delay in Radium-223 therapy of metastatic castration-resistant prostate cancer patients. *Ann Nucl Med* 2018;32(1):16-21. (O)
172. Fosbøl MØ, Petersen PM, Kjaer A, Mortensen J. Radium-223 therapy of advanced metastatic castration-resistant prostate cancer: quantitative assessment of skeletal tumor burden for prognostication of clinical outcome and hematological toxicity. *J Nucl Med*. 2018 Apr;59(4):596-602. doi: 10.2967/jnumed.117.195677 (O)

173. Nielsen JM, Mortensen J. Udredning ved mistanke om akut lungeemboli: en statusartikel. Ugeskr Laeger. 2018 Feb 19;180(8). pii: V05170391. (R)
174. Kirkin AF, Dzhandzhugazyan KN, Guldberg P, Fang JJ, Andersen RS, Dahl C, Mortensen J, Lundby T, Wagner A, Law I, Broholm H, Madsen L, Lundell-Ek C, Gjerstorff MF, Ditzel HJ, Jensen MR, Fischer W. Adoptive cancer immunotherapy using DNA-demethylated T helper cells as antigen-presenting cells. Nat Commun. 2018 Mar 6;9(1):785. doi: 10.1038/s41467-018-03217-9. (O)
175. Skoradal M-B, Weihe P, Patursson P, Mortensen J, Connolly L, Krstrup P, Mohr M. Football training improves metabolic and cardiovascular health status in 55- to 70-year-old women and men with prediabetes. Scand J Med Sci Sports. 2018;00:1–10. <https://doi.org/10.1111/sms.13081>. (O)
176. Skoradal M-B, Helge EW, Jørgensen NR, Mortensen J, Weihe P, Krstrup P, Mohr M. Osteogenic impact of football training in 55- to 70-year-old women and men with prediabetes. Scand J Med Sci Sports. 2018 Jul 26. doi: 10.1111/sms.13252. [Epub ahead of print] (O)
177. Munkholm M, Marott JL, Bjerre-Kristensen L, Madsen F, Pedersen OF, Lange P, Nordestgaard BG, Mortensen J. Reference equations for pulmonary diffusing capacity of carbon monoxide and nitric oxide in adult Caucasians. Eur Respir J. 2018 Jul 19;52(1). pii: 1500677. doi: 10.1183/13993003.00677-2015. (O)
178. Aanaes K, Alanin MC, Nielsen KG, Jørgensen MM, Buchwald C, Høiby N, Johansen HK, Johannesen HH, Mortensen J. The accessibility of topical treatment in the paranasal sinuses on operated cystic fibrosis patients assessed by scintigraphy. Rhinology 2018: 56 (3); 268-73. (O)
179. Mortensen J, Berg RMG. Lung Scintigraphy in COPD. Seminars in Nuclear Medicine. 2019; 49(1): 16-21. <https://doi.org/10.1053/j.semnuclmed.2018.10.010> (R).
180. Risom EC, Buggeskov KB, Mogensen UB, Sundskard M, Mortensen J, Ravn HB. Preoperative pulmonary function in all comers for cardiac surgery predicts mortality†. Interact Cardiovasc Thorac Surg. 2019 Mar 15. pii: ivz049. doi: 10.1093/icvts/ivz049. [Epub ahead of print] PMID: 30879046 (O)
181. Christensen A, Juhl K, Kiss K, Lelkaitis G, Charabi BW, Mortensen J, Kjær A, von Buchwald C, Near-infrared fluorescence imaging improves the nodal yield in neck dissection in oral cavity cancer – A randomized study, European Journal of Surgical Oncology (2019), doi: <https://doi.org/10.1016/j.ejso.2019.06.039>. (O)

#### Book chapters (peer-review)

1. Yeates DB, **Mortensen J**. Deposition & Clearance. Chapter 15. In: Murray JF, Nadel JA, eds. Textbook of respiratory medicine. 3 ed. WB Saunders Company, Philadelphia. 2000, Vol 1: 349-84.
2. Dirksen A, **Mortensen J**. Diagnostic imaging of the lungs (Billediagnostik af lunger). In: Medicinsk Kompendium, 2004, 16 udgave.
3. **Mortensen J**, Dirksen A. Lung function assessment (Lungefunktionsundersøgelse). In: Medicinsk Kompendium, 2004, 16 udgave.

4. Stavngaard T, **Mortensen J**, Dirksen A. Emphysema /alpha-1 antitrypsin deficiency. In: Functional Lung Imaging. Lung biology in health and disease. Eds. Lipson DA, van Beek EJR. CRC Press, Taylor & Francis Group, Boca Raton. 2005, vol 200, 453-78.
5. Dirksen A, **Mortensen J**. Imaging of the lungs (Billeddiagnostik af lunger). In: Medicinsk Kompendium, 2009, 17 udgave, 1326-30.
6. **Mortensen J**, Dirksen A. Lung function assessment (Lungefunktionsundersøgelse). In: Medicinsk Kompendium, 2009, 17 udgave, 1318-26.
7. **Mortensen J**, Dahl BH. Inhalation treatment (Inhalationsbehandling). In: Moll L, Lange P, Dahl BH (red). KOL - sygdom, behandling og organisation. Munksgaard Danmark, København, 2011, 91-99.
8. Gutte H, **Mortensen J**, Kjær A. Ventilation/perfusion imaging with SPECT-CT. Chapter 11. In: Atlas of SPECT-CT. Eds. Fanti S, Farsad M, Mansi L. 2011 Springer Verlag, Berlin, Heidelberg, 2011, 195-202.
9. **Mortensen J**, Fischer M, Hess S. The Lungs (Respirationsorganerne). Chapter 3. In: Christensen CB, Loft A, Hesse B (red.). Clinical Nuclear Medicine (Klinisk Nuklearmedicin). DSKFNM, København, 2011, 75-91.
10. **Mortensen J**, Dirksen A. Lung function assessment (Lungefunktionsundersøgelse). IN: Medicinsk Kompendium, 2013, 18 udgave., side 1246-54.
11. Shaker S, **Mortensen J**. Billeddiagnostik af lunger. Medicinsk Kompendium, 2013, 18 udgave, 1254-59.
12. Madsen F, **Mortensen J**, Hanel B, Pedersen OF. Lung function testing: Spirometry, Diffusion Capacity and Interpretation. In: Mechanichs of Breathing. Eds. Aliverti A & Pedotti A. 2014, chapter 9, page 123-137, Springer-Verlag Italia. DOI 10.1007/978-88-470-5647-3\_9.
13. Atlas of Skeletal SPECT/CT Clinical Images. IAEA Human Health Series No. 34.  
<[https://humanhealth.iaea.org/HHW/NuclearMedicine/Nuclear\\_Medicine\\_Publications/index.html](https://humanhealth.iaea.org/HHW/NuclearMedicine/Nuclear_Medicine_Publications/index.html)>

#### Standards and Guidelines (peer-review)

1. Husted SE, Christiansen T, Hassager C, Mortensen J, Jensen KS, Nielsen HK, Nielsen JD. [Pulmonary embolism] 2004. [http://cardio.inforce.dk/graphics/toimport/cardio/user\\_graphics/LE\\_rapport\\_CF\\_2004.pdf](http://cardio.inforce.dk/graphics/toimport/cardio/user_graphics/LE_rapport_CF_2004.pdf)
2. Madsen FF, Maltbæk N, Mortensen J, Pedersen OF. [Lung Function Standard]. 2007. <http://www.lungemedicin.dk/guidelines/LFU%20Standard%20rev%2059.pdf>
3. Madsen F, Pedersen OF, Maltbæk N, Mortensen J. [Lung physiological measurements. A Clinical Guideline for the Danish Society for Respiratory Medicine] 2009: <http://www.lungemedicin.dk/fagligt/60-lungefysiologiske-undersoegelser.html>
4. Kehlet JM, Nielsen KG, Mortensen J. [Primary ciliary dyskinesia. A Clinical Guideline for the Danish Society for Respiratory Medicine]: <http://www.lungemedicin.dk/retningslinier/Godkendte%20retningslinier/Primaer%20ciliaer%20dyskinesi.pdf>

5. Madsen F, Maltbæk N, Mortensen J. [Lung physiological measurements. A Clinical Guideline for the Danish Society for Respiratory Medicine] 2018: <http://www.lungemedicin.dk/fagligt/60-lungefysiologiske-undersogelser.html>
6. **Mortensen J.** Perfusion 5.1. Chapter 5. *In:* Hustinx R, Muylle K, eds. European Nuclear Medicine Guide. A joint publication by EANM & UEMS/EBNM. HGP Vullers, Netherlands. 2018. 167-9.
7. **Mortensen J.** Ventilation Krypton-81m 5.2. Chapter 5. *In:* Hustinx R, Muylle K, eds. European Nuclear Medicine Guide. A joint publication by EANM & UEMS/EBNM. HGP Vullers, Netherlands. 2018. 170-1.
8. **Mortensen J.** Ventilation Technegas 5.3. Chapter 5. *In:* Hustinx R, Muylle K, eds. European Nuclear Medicine Guide. A joint publication by EANM & UEMS/EBNM. HGP Vullers, Netherlands. 2018. 172-3.
9. **Mortensen J.** Ventilation <sup>99m</sup>Tc-DTPA 5.4. Chapter 5. *In:* Hustinx R, Muylle K, eds. European Nuclear Medicine Guide. A joint publication by EANM & UEMS/EBNM. HGP Vullers, Netherlands. 2018. 174-6.

#### Letters to the editor and not per-reviewed publications

1. Gutte H, Mortensen J, Kjær A. Routine Use of a V/Q SPECT/Low-Dose CT Hybrid System to Diagnose Pulmonary Embolism Seems Premature. J Nucl Med 2010 Jul 21. (letter to the editor).
2. Nielsen SS, Rehling M, Hesse B, Mortensens J. Dipyridamole infusion in chronic obstructive pulmonary disease. Ugeskr Laeger. 2005; 167(32): 2918 (letter to the editor).
3. Lange P, Mortensen J. [Recurrence rate after conservative, drainage- or surgical treatment of primary spontaneous pneumothorax]. Ugeskr Laeger. 1986; 148: 2935.
4. Mortensen J, Groth S, Lange P. [Lung function testing]. Teori & Terapi 1988; 5: 16-8.
5. Groth S, Mortensen J, Lange P. [Smoking and prevention of disease]. Astra-Draco Info 1987; 3:13-4.
6. Mortensen J. [Lung deposition of inhaled medicine]. Teori & Terapi 1999; 1: 22-7.
7. Mortensen J. Lung function testing. Festschrift on the occasion of DSKFNM's 25th anniversary, oct. 2007.
8. Mortensen J. [Dry powder inhalers]. Respiratory Review, dec. 2007.
9. Mortensen J. [Inhalers and inhalation technique]. GSK 2010, 1-23 (booklet).
10. Mortensen J. [Inhalers], TEVA 2010 (booklet).
11. Munkholm M, Hanel B, Madsen F, Mortensen J. Spirometri – anvendelighed og kvalitetssikring. BestPractise 2017; februar: 39-41.