

Søren Hess

IRS, Sydvestjysk Sygehus, Radiologi og nuklearmedicin

E-mail: soeren.hess@rsyd.dk

## Ansættelse

### Klinisk lektor

IRS, Sydvestjysk Sygehus, Radiologi og nuklearmedicin

Syddansk Universitet

1. jan. 2018 → 31. dec. 2020

## Publikationer

### **A systematic literature review and meta-analysis of spectral CT compared to scintigraphy in the diagnosis of acute and chronic pulmonary embolisms**

Lysdahlgaard, S., Hess, S., Gerke, O. & Weber Kusk, M., jul. 2020, I : European Radiology. 30, 7, s. 3624-3633

### **Challenging but Clinically Useful: Fluorodeoxyglucose PET/Computed Tomography in Inflammatory and Infectious Diseases**

Gormsen, L. C. & Hess, S., apr. 2020, I : PET Clinics. 15, 2, s. xi-xii

### **FDG-PET/CT in Fever of Unknown Origin, Bacteremia, and Febrile Neutropenia**

Hess, S., apr. 2020, I : P E T Clinics. 15, 2, s. 175-185

### **FDG-PET/CT in Inflammatory Bowel Disease: Is There a Future?**

Brodersen, J. B. & Hess, S., apr. 2020, I : P E T Clinics. 15, 2, s. 153-162

### **Patient Preparation and Patient-related Challenges with FDG-PET/CT in Infectious and Inflammatory Disease**

Hess, S., Scholtens, A. M. & Gormsen, L. C., apr. 2020, I : PET Clinics. 15, 2, s. 125-134

### **An update on the unparalleled impact of FDG-PET imaging on the day-to-day practice of medicine with emphasis on management of infectious/inflammatory disorders**

Alavi, A., Hess, S., Werner, T. J. & Høilund-Carlsen, P. F., jan. 2020, I : European Journal of Nuclear Medicine and Molecular Imaging. 47, 1, s. 18-27

### **A SINGLE-CENTER INVESTIGATION ON THE PREVALENCE OF MALIGNANCIES IN PATIENTS WITH POLYMYALGIA RHEUMATICA AND GIANT CELL ARTERITIS BY WAY OF 18F-FDG PET/CT: A PROSPECTIVE COHORT STUDY**

Emamifar, A., Hess, S., Gerke, O., Hansen, P. S., Jensen Hansen, I. M., Marcussen, N., Ellingsen, T. J. & Thye-Rønn, P., 2020, I : Annals of the Rheumatic Diseases. 79, Suppl. 1, FRI0203.

### **FRI0203 A SINGLE-CENTER INVESTIGATION ON THE PREVALENCE OF MALIGNANCIES IN PATIENTS WITH POLYMYALGIA RHEUMATICA AND GIANT CELL ARTERITIS BY WAY OF 18F-FDG PET/CT: A PROSPECTIVE COHORT STUDY**

Emamifar, A., Hess, S., Gerke, O., Hansen, P. S., Jensen Hansen, I. M., Marcussen, N., Ellingsen, T. J. & Thye-Rønn, P., 2020.

### **FDG-PET/CT as a diagnostic tool in vascular graft infection: a systematic review and meta-analysis**

Sunde, S. K., Beske, T., Gerke, O., Langhoff Clausen, L. & Hess, S., aug. 2019, I : Clinical and Translational Imaging. 7, 4, s. 255-265

### **Clinical value of FDG-PET/CT in bacteremia of unknown origin with catalase-negative gram-positive cocci or Staphylococcus aureus**

Brønnerud, M. B., Pedersen, C., Rosenvinge, F. S., Høilund-Carlsen, P. F. & Hess, S., jun. 2019, I : European Journal of Nuclear Medicine and Molecular Imaging. 46, 6, s. 1351-1358

**High incidence of osteoporosis and cachexia in patients with newly diagnosed polymyalgia rheumatica and giant cell arteritis: A cross-sectional analysis**

Emamifar, A., Hermann, A. P., Ellingsen, T. J., Hess, S., Jensen Hansen, I. M. & Thye-Rønn, P., 1. maj 2019, I : Osteoporosis International. 30, Suppl 1, s. S89 1 s., P089.

**High level of adherence to osteoporosis prophylaxis medications in steroid-treated polymyalgia rheumatica (pmr)/giant cell arteritis (gca) patients: A prospective cohort study**

Emamifar, A., Ellingsen, T. J., Hermann, A. P., Hess, S., Jensen Hansen, I. M. & Thye-Rønn, P., 1. maj 2019, I : Osteoporosis International. 30, Supplement 1, s. S93 1 s., P099.

**STEROID TREATMENT MAY IMPROVE ARTERIAL STIFFNESS IN PATIENTSWITH POLYMYALGIA RHEUMATICA AND GIANT CELL ARTERITIS: A PROSPECTIVE COHORT STUDY.**

Emamifar, A., Ellingsen, T. J., Hess, S., Hansen, P. S. & Thyre-Rønn, P., maj 2019, I : Annals of the Rheumatic Diseases. 78, Suppl. 2, s. 427-428 THU0297.

**Clinical value of 18F-FDG-PET/CT in suspected serious disease with special emphasis on occult cancer**

Caspersen, K. B., Giannoutsou, N., Gerke, O., Alavi, A., Høilund-Carlsen, P. F. & Hess, S., 25. mar. 2019, I : Annals of Nuclear Medicine. 33, 3, s. 184-192

**PET Radiopharmaceuticals for Specific Bacteria Imaging: A Systematic Review**

Auletta, S., Varani, M., Horvat, R., Galli, F., Signore, A. & Hess, S., 6. feb. 2019, I : Journal of Clinical Medicine. 8, 2, 26 s., 197.

**The impact of endoscopic ultrasound-guided fine-needle aspiration of lymph nodes on subsequent positron emission tomography/computed tomography imaging: A prospective study**

Bjerring, O. S., Hess, S., Frstrup, C. W., Høilund-Carlsen, P. F. & Mortensen, M. B., feb. 2019, I : Endoscopy. 51, 2, s. 165-168

**An update on the role of 18F-FDG-PET/CT in major infectious and inflammatory diseases**

Kung, B. T., Seraj, S. M., Zadeh, M. Z., Rojulpote, C., Kotheekar, E., Ayubcha, C., Ng, K. S., Ng, K. K., Au-Yong, T. K., Werner, T. J., Zhuang, H., Hunt, S. J., Hess, S. & Alavi, A., 2019, I : American Journal of Nuclear Medicine and Molecular Imaging . 9, 6, s. 255-273

**Prospective Comparison of FFR Derived From Coronary CT Angiography With SPECT Perfusion Imaging in Stable Coronary Artery Disease: The ReASSESS Study**

Sand, N. P. R., Veien, K. T., Nielsen, S. S., Nørgaard, B. L., Larsen, P., Johansen, A., Hess, S., Deibjerg, L., Husain, M., Junker, A., Thomsen, K. K., Rohold, A. & Jensen, L. O., nov. 2018, I : JACC: Cardiovascular Imaging. 11, 11, s. 1640-1650

**FDG-PET/CT Has a High Diagnostic Yield in Suspected Occult Cancer**

Giannoutsou, N., Caspersen, K. B., Gerke, O. & Hess, S., 1. okt. 2018, I : European Journal of Nuclear Medicine and Molecular Imaging. 45, Suppl. 1, s. S486-S487

**FDG-PET/CT in venous thromboembolism: a systematic review**

Hess, S., Frary, E. C., Gerke, O., Werner, T., Alavi, A. & Høilund-Carlsen, P. F., okt. 2018, I : Clinical and Translational Imaging. 6, 5, s. 369-378

**[18F]Sodium fluoride positron emission tomography/computed tomography: a predictor of early rheumatoid arthritis? A case report**

Gram, S. B., Hess, S., Ahlquist, P., Høilund-Carlsen, P. F. & Ellingsen, T., sep. 2018, I : Scandinavian Journal of Rheumatology. 47, 5, s. 425-426

**Bone Marrow and NOT Bone Metastases is What 21st Century Diagnostic Imaging Must Focus upon when Looking for Skeletal Metastases**

Høilund-Carlsen, P. F., Hess, S. & Alavi, A., jul. 2018, I : Journal of Nuclear Medicine. 59, 7, 2 s., 1165.

**Cancer metastasizes to the bone marrow and not to the bone: time for a paradigm shift!**

Høilund-Carlsen, P. F., Hess, S., Werner, T. J. & Alavi, A., jun. 2018, I : European Journal of Nuclear Medicine and Molecular Imaging. 45, 6, s. 893–897

**Molecular Imaging of Bacteria in Patients is an Attractive Fata Morgana, Not a Realistic Option**

Hess, S., Alavi, A., Werner, T. & Høilund-Carlsen, P. F., 1. apr. 2018, I : Journal of Nuclear Medicine. 59, 4, s. 716-717

**Regarding “<sup>18</sup>F-GP1, a Novel PET Tracer Designed for High-Sensitivity, Low-Background Detection of Thrombi”**

Alavi, A., Werner, T. J., Hess, S. & Høilund-Carlsen, P. F., 1. feb. 2018, I : Journal of Nuclear Medicine. 59, 2, s. 350-351

**Value of FDG-PET/CT for treatment response in tuberculosis: a systematic review and meta-analysis**

Sjölander, H., Strømsnes, T., Gerke, O. & Hess, S., 1. feb. 2018, I : Clinical and Translational Imaging. 6, 1, s. 19-29

**High incidence of osteoporosis and cachexia in patients with newly diagnosed polymyalgia rheumatic and giant cell arteritis: A cross-sectional analysis**

Emamifar, A., Hermann, A. P., Ellingsen, T. J., Hess, S., Jensen Hansen, I. M. & Thye-Rønn, P., 2018.

**High level of adherence to osteoporosis prophylaxis medications in steroid-treated polymyalgia rheumatica (pmr)/giant cell arteritis (gca) patients: A prospective cohort study**

Emamifar, A., Ellingsen, T. J., Hermann, A. P., Hess, S., Jensen Hansen, I. M. & Thye-Rønn, P., 2018.

**Response to “Comment on State-of-the-Art Imaging in Pulmonary Embolism: Ventilation/Perfusion Single-Photon Emission Computed Tomography versus Computed Tomography Angiography—Controversies, Results, and Recommendations from a Systematic Review”**

Hess, S., Frary, E. C., Gerke, O. & Madsen, P. H., nov. 2017, I : Seminars in Thrombosis and Hemostasis. 43, 8, s. 904-906

**A systematic review and meta-analysis of FDG-PET/CT as a screening tool for occult malignancy in unprovoked venous thromboembolism. A systematic review and meta-analysis of FDG-PET/CT as a screening tool for occult malignancy in unprovoked venous thromboembolism**

Hess, S., Frary, E. C., Høilund-Carlsen, P. F. & Gerke, O., 1. okt. 2017, I : European Journal of Nuclear Medicine and Molecular Imaging. 44, 2 Suppl. , s. 762 1 s., EP-0777.

**Positron emission tomography/computer tomography in gastrointestinal malignancies: current potential and challenges**

Tind, S., Vestergaard, S., Farahani, Z. A. & Hess, S., okt. 2017, I : Minerva Chirurgica. 72, 5, s. 397-415

**FFR<sub>CT</sub> to predict coronary revascularization - a real-world experience**

Akkañ, D., Deibjerg Kristensen, L., Husain, M., Veien, K. T., Jensen, L. O., Junker, A., Korsgaard Thomsen, K., Roholt, A., Hess, S., Nørgaard, B. L., Larsen, P. V. & Rønnow Sand, N. P., 26. aug. 2017. 1 s.

**Outcome of revascularisation in stable coronary artery disease without ischaemia: a Danish registry-based follow-up study**

Simonsen, J. A., Mickleby, H., Johansen, A., Hess, S., Thomassen, A., Gerke, O., Jensen, L. O., Hallas, J., Vach, W. & Høilund-Carlsen, P. F., 11. aug. 2017, I : BMJ Open. 7, 8, 15 s., e016169.

**Polymyalgia rheumatica and giant cell arteritis-three challenges-consequences of the vasculitis process, osteoporosis, and malignancy: A prospective cohort study protocol**

Emamifar, A., Hess, S., Gerke, O., Hermann, A. P., Lastrup, H., Hansen, P. S., Thye-Rønn, P., Marcussen, N., Svendstrup, F., Gildberg-Mortensen, R., Bang, J. C., Farahani, Z. A., Chrysidis, S., Toftegaard, P., Andreasen, R. A., le Greves, S., Andersen, H. R., Olsen, R. N. & Hansen, I. M. J., jun. 2017, I : Medicine. 96, 26, 10 s., e7297.

**Can semiquantitative measurements of SUVmax and cut-off values differentiate colorectal malignant from benign lesions?**

Nguyen, T., Hess, S., Petersen, H., Alavi, A. & Høilund-Carlsen, P. F., 1. maj 2017, I : Hellenic Journal of Nuclear Medicine. 20, 2, s. 113-121

**Prognostic implications of total hemispheric glucose metabolism ratio in cerebro-cerebellar diaschisis**

Segtnan, E. A., Grupe, P., Jarden, J. O., Gerke, O., Ivanidze, J., Christlieb, S. B., Constantinescu, C. M., Pedersen, J. E., Houshmand, S., Hess, S., Zarei, M., Gjedde, A., Alavi, A. & Høilund-Carlsen, P. F., maj 2017, I : Journal of Nuclear Medicine. 58, 5, s. 768-773

**18F-FDG PET/CT for detection of the primary tumor in adults with extracervical metastases from cancer of unknown primary: A systematic review and meta-analysis**

Burglin, S. A., Hess, S., Høilund-Carlsen, P. F. & Gerke, O., apr. 2017, I : Medicine. 96, 16, 8 s., e6713.

**Cancer of unknown primary: Registered procedures compared with national integrated cancer pathway for illuminating external validity**

Dyrvig, A-K., Yderstræde, K. B., Gerke, O., Jensen, P. B., Hess, S., Høilund-Carlsen, P. F. & Green, A., apr. 2017, I : Medicine. 96, 16, 7 s., e6693.

**18F-fluoro-deoxy-glucose positron emission tomography combined with computed tomography can reliably rule-out infection and cancer in patients with anti-neutrophil cytoplasmic antibody-associated vasculitis suspected of disease relapse**

Frary, E. C., Hess, S., Gerke, O. & Lastrup, H., 1. jan. 2017, I : Medicine. 96, 30, 7 s., e7613.

**Prognostic Evaluation of 18F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in Endometrial Cancer: A Retrospective Study**

Vilstrup, M. H., Jochumsen, K. M. & Hess, S., 1. jan. 2017, I : International Journal of Gynecological Cancer. 27, 8, s. 1675-1684

**Reference values for fluorine-18-fluorodeoxyglucose and fluorine-18-sodium fluoride uptake in human arteries: a prospective evaluation of 89 healthy adults**

Blomberg, B. A., Thomassen, A., de Jong, P. A., Lam, M. G. E. H., Hess, S., Olsen, M. H., Mali, W. P. T. M., Alavi, A. & Høilund-Carlsen, P. F., 1. jan. 2017, I : Nuclear Medicine Communications. 38, 11, s. 998-1006

**Radionuclide Diagnosis of Pulmonary Embolism**

Hess, S. & Madsen, P. H., 2017, *Thrombosis and Embolism: from Research to Clinical Practice*. Islam, S. (red.). Springer, Bind 1. s. 49-65 (Advances in Experimental Medicine and Biology, Bind 906).

**Symptomatology, Clinical Presentation and Basic Work up in Patients with Suspected Pulmonary Embolism**

Madsen, P. H. & Hess, S., 2017, *Thrombosis and Embolism: from Research to Clinical Practice*. Islam, S. (red.). Bind 1. s. 33-48 (Advances in Experimental Medicine and Biology, Bind 906).

**FDG-PET/CT Findings in a Patient with Polymyalgia Rheumatica and Accompanying Remitting Seronegative Symmetrical Synovitis with Pitting Edema**

Emamifar, A., Hess, S., Jørgensen, E. Ø. & Jensen Hansen, I. M., dec. 2016, I : Razavi International Journal of Medicine. 4, 4, e40406.

**Prognostic evaluation of <sup>18</sup>F-FDG-PET/CT in endometrial cancer**

Lund, A. A., Vilstrup, M. H., Jochumsen, K., Høilund-Carlsen, P. F. & Hess, S., okt. 2016, I : European Journal of Nuclear Medicine and Molecular Imaging. 43, 1 Suppl. 1, s. S75 1 s., OP242.

**Clinical significance of incidental focal bowel uptake on <sup>18</sup>F-FDG PET/CT as related to colorectal cancer**

Soltau, S. R., Hess, S., Nguyen, T., Gerke, O., Petersen, H., Alavi, A. & Høilund-Carlsen, P. F., 1. sep. 2016, I : Hellenic Journal of Nuclear Medicine. 19, 3, s. 245-249

**Personalized Clinical Decision Making in Gastrointestinal Malignancies: The Role of PET**

Hess, S., Bjerring, O. S., Pfeiffer, P. & Høilund-Carlsen, P. F., 1. jul. 2016, I : P E T Clinics. 11, 3, s. 273-283

**PET-Based Personalized Management of Infectious and Inflammatory Disorders**  
Hess, S., Alavi, A. & Basu, S., 1. jul. 2016, I : P E T Clinics. 11, 3, s. 351-361 4809.

**Reply to: "Comments on Kristensen et al.: Clinical value of FDG-PET/CT in suspected paraneoplastic syndromes: a retrospective analysis of 137 patients": By Betül Vatankulu, Sabire Yılmaz Aksoy, Sait Sager, Metin Halaç**  
Kristensen, S. B., Hess, S., Petersen, H. & Høilund-Carlsen, P. F., mar. 2016, I : European Journal of Nuclear Medicine and Molecular Imaging. 43, 3, s. 582 1 s.

**The strong but nonspecific relationship between 18F-FDG uptake in the lower-extremity veins and venous thromboembolism**  
Zhu, H. J., Hess, S., Rubello, D., Goris, M. L. & Alavi, A., mar. 2016, I : Nuclear Medicine Communications. 37, 3, s. 322-328 7 s.

**Outcome with invasive versus medical treatment of stable coronary artery disease: influence of perfusion defect size, ischaemia, and ejection fraction**  
Simonsen, J. A., Johansen, A., Gerke, O., Mickley, H., Thomassen, A., Hess, S., Rask, C. K., Tamadoni, S. M., Jensen, L. O., Hallas, J., Vach, W. & Høilund-Carlsen, P. F., 20. feb. 2016, I : EuroIntervention. 11, 10, s. 1118-1124 7 s.

**Association of Remitting Seronegative Symmetrical Synovitis with Pitting Edema, Polymyalgia Rheumatica, and Adenocarcinoma of the Prostate**  
Emamifar, A., Hess, S., Gildberg-Mortensen, R. & Jensen Hansen, I. M., 3. feb. 2016, I : American Journal of Case Reports. 17, s. 60-64

**18F-fluorodeoxy mannose (FDM) is a potential new tracer for inflammatory bowel disease**  
Soltan, S. R., Hess, S., Olsen, B. B., Baun, C., Langkjær, N. & Høilund-Carlsen, P. F., 2016, I : European Journal of Nuclear Medicine and Molecular Imaging. 43, suppl. 1, s. S449 1 s., EP585.

**18F-Fluorodeoxy mannose (FDM) is a Potential New Tracer for Inflammatory Bowel Disease**  
Christiansen, S. R., Hess, S., Olsen, B. B., Baun, C., Langkjær, N. & Høilund-Carlsen, P. F., 2016.

**Emerging role of FDG-PET/CT as a diagnostic tool in detecting systemic and vascular inflammation in Psoriasis**  
Fardin, S., Gholami, S., Hess, S. & Alavi, A., 2016, I : The Journal of Nuclear Medicine. 57, suppl 2, s. 1251

**FDG-PET/CT in Preoperative Staging of Sentinel Node Biopsy Positive Melanoma Patients: A One-Year Evaluation of a Novel Diagnostic Strategy**  
Frary, C., Gad, D., Bastholt, L., Høilund-Carlsen, P. F. & Hess, S., 2016, I : European Journal of Nuclear Medicine and Molecular Imaging. 43, 1 Suppl., s. 321 1 s., EP201.

**FDG-PET/CT in Preoperative Staging of Sentinel Node Biopsy Positive Melanoma Patients: A One-Year Evaluation of a Novel Diagnostic Strategy**  
Frary, E. C., Gad, D., Bastholt, L., Høilund-Carlsen, P. F. & Hess, S., 2016.

**Polymyalgia Rheumatica (PMR) and Giant Cell Arteritis (GCA)-three challenges- Consequences of the Vasculitis process, Osteoporosis and Malignancy: A Study Protocol.**  
Emamifar, A., Hørslev-Petersen, K., Hess, S. & Jensen Hansen, I. M., 2016.

**State-of-the-Art Imaging in Pulmonary Embolism: Ventilation/Perfusion Single-Photon Emission Computed Tomography versus Computed Tomography Angiography - Controversies, Results, and Recommendations from a Systematic Review**  
Hess, S., Frary, C., Gerke, O. & Madsen, P. H., 2016, I : Seminars in Thrombosis and Hemostasis. 42, 8, s. 833-845

**The role of FDG-PET/CT in preoperative staging of sentinel lymph node biopsy-positive melanoma patients**  
Frary, C., Gad, D., Bastholt, L. & Hess, S., 2016, I : EJNMMI Research. 6, 9 s., 73.

**Total hemispheric glycolysis ratio by FDG-PET/CT in gliomas: Evaluating diaschisis and potential prognostic information**  
Segtnan, E. A., Grupe, P., Gerke, O., Jarden, J. O., Christlieb, S. B., Constantinescu, C., Pedersen, J.E., Houshmand, S., Hess, S., Zarei, M., Gjedde, A., Alavi, A. & Høilund-Carlsen, P. F., 2016, I : European Journal of Nuclear Medicine and

Molecular Imaging. 43, 1 Suppl. 1, s. S266 1 s., EP037.

**Total hemispheric glycolysis ratio by FDG-PET/CT in gliomas; Evaluating diaschisis and potential prognostic information**  
Segtnan, E. A., Grupe, P., Gerke, O., Jarden, J. O., Christlieb, S. B., Constantinescu, C. M., Pedersen, J.E., Houshmand, S., Hess, S., Zarei, M., Gjedde, A., Alavi, A. & Høilund-Carlsen, P. F., 2016.

**Nazistisk terror mod lægestanden: Lægemordene i Odense 20. februar 1945**

Jeune, B., Hess, S., Skytthe, A. & Stræde, T., 31. dec. 2015, I : Dansk Medicinhistorisk Aarbog. 2015, s. 153-186

**Recurrence Detection in Pancreatic Cancer: The Value of Quantitative FDG-PET/CT**

Friis, J. T., Bjerring, O. S., Hildebrandt, M., Hess, S. & Høilund-Carlsen, P. F., 12. mar. 2015.

**<sup>18</sup>F-fluorodeoxyglucose PET/computed tomography for primary brain tumors**

Antonsen Segtnan, E., Hess, S., Grupe, P. & Høilund-Carlsen, P. F., jan. 2015, I : P E T Clinics. 10, 1, s. 59-73

**Cost-effectiveness of PET and PET/Computed Tomography: A Systematic Review**

Gerke, O., Hermansson, R., Hess, S., Schifter, S., Vach, W. & Høilund-Carlsen, P. F., jan. 2015, I : P E T Clinics. 10, 1, s. 105-124

**An update on novel quantitative techniques in the context of evolving whole-body PET imaging**

Houshmand, S., Salavati, A., Hess, S., Werner, T. J., Alavi, A. & Zaidi, H., 2015, I : P E T Clinics. 10, 1, s. 45-58

**Assessment of the diagnostic performance of quantitative FDG-PET/CT parameters in the detection of vascular graft infection**

Houshmand, S., Salavati, A., Sadic, M., Pedersen, K. T., Alavi, A., Høilund-Carlsen, P. F. & Hess, S., 2015, I : European Journal of Nuclear Medicine and Molecular Imaging. 42, 1 Supplement, s. 787-788 1 s., P939.

**Assessment of the diagnostic performance of quantitative FDG-PET/CT parameters in the detection of vascular graft infection**

Houshmand, S., Salavati, A., Sadic, M., Pedersen, K. T., Alavi, A., Høilund-Carlsen, P. F. & Hess, S., 2015.

**Clinical value of FDG-PET/CT in suspected paraneoplastic syndromes: a retrospective analysis of 137 patients**

Kristensen, S. B., Hess, S., Petersen, H. & Høilund-Carlsen, P. F., 2015, I : European Journal of Nuclear Medicine and Molecular Imaging. 42, 13, s. 2056-2063

**Contribution of FDG to Modern Medicine, Part II**

Hess, S. (red.) & Høilund-Carlsen, P. F. (red.), 2015, Elsevier. 124 s. (P E T Clinics; Nr. 1, Bind 10).

**Detection of deep vein thrombosis using FDG-PET/CT volumetric parameters: a diagnostic performance study**

Houshmand, S., Salavati, A., Hess, S., Høilund-Carlsen, P. F. & Alavi, A., 2015, I : Journal of Nuclear Medicine. 56, 3 (Supplement), s. 1724 1 s.

**Disease Mapping in Anca Associated Vasculitis (AAV). Yield of FDG-PET/CT Imaging Versus a Conventional Clinico-Pathological Approach**

Lastrup, H., Velander, M. J., Junker, P. & Hess, S., 2015, I : Annals of the Rheumatic Diseases. 74, 2. Supplement, s. 1115 1 s., AB0648.

**Efficacy of FDG PET/CT Imaging for Venous Thromboembolic Disorders: Preliminary Results From a Prospective, Observational Pilot Study**

Hess, S., Madsen, P. H., Iversen, E. D., Frifelt, J. J., Høilund-Carlsen, P. F. & Alavi, A., 2015, I : Clinical Nuclear Medicine. 40, 1, s. e23-e26

**Evaluating Quantitative Measures in Incidental Colorectal PET Findings**

Nguyen, T., Hess, S., Petersen, H. & Høilund-Carlsen, P. F., 2015, I : European Journal of Nuclear Medicine and Molecular Imaging. 42, 1 Supplement, s. S26 1 s., OP061.

**FDG-PET/CT: Whither I go, thou canst not follow me now; but thou shalt follow me afterwards**

Hess, S. & Høilund-Carlsen, P. F., 2015, *Contribution of FDG to Modern Medicine*. Subramaniam, R. M. (red.). Elsevier, Bind II. s. xi-xiii (P E T Clinics; Nr. 2, Bind 10).

**FDG-PET/CT in ANCA associated vasculitis: an exploratory pilot study**

Hess, S., Velander, M. J., Høilund-Carlsen, P. F. & Laustrup, H., 2015, I : *European Journal of Nuclear Medicine and Molecular Imaging*. 42, 1 Supplement, s. 793-794 1 s., P951.

**FDG-PET/CT in ANCA associated vasculitis: an exploratory pilot study**

Hess, S., Velander, M. J., Høilund-Carlsen, P. F. & Laustrup, H., 2015.

**Feasibility of FDG PET in inflammatory bowel disease**

Christlieb, S. B., Hess, S. & Høilund-Carlsen, P. F., 2015, I : *Current Molecular Imaging*. 3, 3, s. 195-205

**Inter-observer Variability Using ROVER® Software for Processing of Cerebral FDG-PET Studies**

Antonsen Segtnan, E., Christlieb, S. B., Hess, S., Nguyen, T., Alavi, A. & Høilund-Carlsen, P. F., 2015, I : *Journal of Nuclear Medicine*. 56, 3 Supplement, 1755.

**Peptide receptor chemoradionuclide therapy in small cell carcinoma: from bench to bedside**

Friis, J. T., Bjerring, O. S., Hildebrandt, M., Hess, S., Gerke, O. & Høilund-Carlsen, P. F., 2015, I : *European Journal of Nuclear Medicine and Molecular Imaging*. 42, 1, s. 25-32 1 s., OP059.

**Physiologic and Metabolic Study of Pulmonary Disorders Using Conventional Imaging Techniques and Positron Emission Tomography**

El-Haddad, G., Hess, S., Worsley, D. & Alavi, A., 2015, *Fishman's Pulmonary Diseases and Disorders*. Grippi, M. A., Elias, J. A., Fisherman, J. A., Kotloff, R. M., Pack, A. I. & Senior, R. M. (red.). 5 udg. USA: McGraw-Hill, Bind 1.

**Primary brain tumor imaging biomarkers: a review of currently available PET and MR techniques**

Houshmand, S., Antonsen Segtnan, E., Hess, S., Werner, T. & Alavi, A., 2015, I : *Journal of Nuclear Medicine*. 56, Suppl. 1, 1894.

**The clinical value of FDG-PET/CT in bacteraemia of unknown origin: A retrospective study**

Brøndserud, M. B., Hess, S., Johansen, A., Pedersen, C. & Høilund-Carlsen, P. F., 2015, I : *European Journal of Nuclear Medicine and Molecular Imaging*. 42, 1 Supplement, s. 789 1 s., P942.

**The clinical value of FDG-PET/CT in bacteraemia of unknown origin: A retrospective study**

Brøndserud, M. B., Hess, S., Johansen, A., Pedersen, C. & Høilund-Carlsen, P. F., 2015.

**The FDG-PET revolution of medical imaging: four decades and beyond**

Hess, S., Basu, S., Blomberg, B. A., Lam, M., Moghbel, M. C., Zhu, H. J., Mirzaei, S., Alavi, A. & Høilund-Carlsen, P. F., 2015, I : *Current Molecular Imaging*. 4, 1, s. 2-19

**The role of volumetric <sup>18</sup>F-NaF PET/CT parameters in assessment of treatment response in patients with spinal stenosis undergoing spinal fusion surgery**

Houshmand, S., Salavati, A., Hess, S., Petersen, H., Kjær Jacobsen, M., Werner, T., Andersen, M. Ø., Alavi, A. & Høilund-Carlsen, P. F., 2015, I : *Journal of Nuclear Medicine*. 56, S3, 546.

**Thematic Issue: From Nuisance to State-of-the-Art: FDG-PET/CT Imaging of Infection and Inflammation [editorial]**

Høilund-Carlsen, P. F. & Hess, S., 2015, I : *Current Molecular Imaging*. 3, 3, s. 180-1

**Total metabolic Index; Inter-rater variability in quantifying cerebral hemispheric glucose metabolism in the course of treatment of glioma**

Antonsen Segtnan, E., Grupe, P., Jarden, J. O., Christlieb, S. B., Pedersen, J. E., Constantinescu, C., Gerke, O., Houshmand, S., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., 2015, I : *European Journal of Nuclear Medicine and*

Molecular Imaging. 42, 1 Supplement, s. 575-576 1 s., P491.

**Total metabolic Index; Inter-rater variability in quantifying cerebral hemispheric glucose metabolism in the course of treatment of glioma**

Antonsen Segtnan, E., Grupe, P., Jarden, J. O., Christlieb, S. B., Pedersen, J., Constantinescu, C., Gerke, O., Houshmand, S., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., 2015.

**[<sup>18</sup>F]fluorodeoxyglucose PET/computed tomography in gastrointestinal malignancies**

Donswijk, M., Hess, S., Mulder, T. & MGEH, L., 1. okt. 2014, I : P E T Clinics. 9, 4, s. 421-441

**Carcinoma of the prostate, RS3PE and polymyalgia rheumatica: a case study**

Gildberg-Mortensen, R., Nielsen, L. K., Jørgensen, E. Ø., Hess, S. & Jensen Hansen, I. M., 20. sep. 2014, I : Scandinavian Journal of Rheumatology. 43, S127, s. 47 1 s., PP160.

**The diagnostic performance of FDG PET-CT in patients with polymyalgia rheumatica and giant cell arteritis**

Gildberg-Mortensen, R., Jørgensen, E. Ø., Hess, S. & Jensen Hansen, I. M., 20. sep. 2014, I : Scandinavian Journal of Rheumatology. 43, S127, s. 52 1 s., PP167.

**Tumor thrombus: ancillary findings on FDG PET/CT in an oncologic population**

Ravina, M., Hess, S., Chauhan, M. S., Jacob, M. J. & Alavi, A., sep. 2014, I : Clinical Nuclear Medicine. 39, 9, s. 767-71

**FDG in Urologic Malignancies**

Høilund-Carlsen, P. F., Poulsen, M. H., Petersen, H., Hess, S. & Lund, L., aug. 2014, I : P E T Clinics. 9, 4, s. 457-468

**Historic images in nuclear medicine: 1976: the first issue of clinical nuclear medicine and the first human FDG study**

Hess, S., Høilund-Carlsen, P. F. & Alavi, A., aug. 2014, I : Clinical Nuclear Medicine. 39, 8, s. 701-3

**PET/CT - ej blot til kræft**

Hess, S. & Høilund-Carlsen, P. F., 2. jun. 2014, I : Ugeskrift for Laeger. 176, 11A, V66250.

**The pivotal role of FDG-PET/CT in modern medicine**

Hess, S., Blomberg, B. A., Zhu, H. J., Høilund-Carlsen, P. F. & Alavi, A., feb. 2014, I : Academic Radiology. 21, 2, s. 232-49

**<sup>18</sup>F-FDG PET/CT in Rheumatoid Arthritis: A Review**

Kristensen, S. B. & Hess, S., 2014, I : Current Molecular Imaging. 3, 3, s. 206-210

**<sup>18</sup>F-FDG-PET/CT in fever of unknown origin: clinical value**

Middelbo Buch-Olsen, K., Andersen, R. V., Hess, S., Braad, P-E. & Schifter, S., 2014, I : Nuclear Medicine Communications. 35, 9, s. 955-960

**A brief overview of novel approaches to FDG PET imaging and quantification**

Hess, S., Blomberg, B., Rakheja, R., Friedman, K., Kwee, T., Zhu, H., Høilund-Carlsen, P. F. & Alavi, A., 2014, I : Clinical and Translational Imaging. 2, s. 187-198

**Applications of FDG-PET/CT in Assessment of Vascular Infection and Inflammation**

Gholami, S., Fardin, S., Houshmand, S., Hansson, S. H., Alavi, A. & Hess, S., 2014, I : Current Molecular Imaging. 3, 3, s. 230-9

**Clinical impact of FDG-PET/CT on colorectal cancer staging and treatment strategy**

Petersen, R. K., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., 2014, I : American Journal of Nuclear Medicine and Molecular Imaging. 4, 5, s. 471-82



**Clinical significance of incidental focal bowel uptake on FDG-PET/CT**

Hess, S., Nielsen, A. L., Thomassen, A., Petersen, H. & Høilund-Carlsen, P. F., 2014.

**Contribution of FDG to Modern Medicine, Part I**

Hess, S. (red.) & Høilund-Carlsen, P. F. (red.), 2014, 4. udg. (P E T Clinics; Nr. 4, Bind 9).

**Delayed sodium (18)F-fluoride PET/CT imaging does not improve quantification of vascular calcification metabolism: Results from the CAMONA study**

Blomberg, B. A., Thomassen, A., Takx, R. A. P., Vilstrup, M. H., Hess, S., Nielsen, A. L., Diederichsen, A. C. P., Mickley, H., Alavi, A. & Høilund-Carlsen, P. F., 2014, 1 : Journal of Nuclear Cardiology. 21, 2, s. 293-304

**Diagnostic performance of volumetric FDG-PET/CT parameters in the detection of deep vein thrombosis.**

Salavati, A., Hess, S., Demir, Y., Høilund-Carlsen, P. F. & Alavi, A., 2014.

**FDG PET/CT methodology for evaluation of treatment response in lymphoma: from "graded visual analysis" and "semiquantitative SUVmax" to global disease burden assessment**

Basu, S., Zaidi, H., Salavati, A., Hess, S., Carlsen, P. F. H. & Alavi, A., 2014, 1 : European Journal of Nuclear Medicine and Molecular Imaging. 41, 11, s. 2158-2160

**FDG-PET/CT can rule out malignancy in patients with vocal cord palsy**

Thomassen, A., Nielsen, A. L., Lauridsen, J. K., Blomberg, B. A., Hess, S., Petersen, H., Johansen, A., Asmussen, J. T., Sørensen, J. R., Johansen, J., Godballe, C. & Høilund-Carlsen, P. F., 2014, 1 : American Journal of Nuclear Medicine and Molecular Imaging. 4, 2, s. 193-201

**FDG-PET/CT for initial staging of colorectal cancer**

Petersen, R., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., 2014, 1 : Journal of Nuclear Medicine. 55, 1. Supplement, s. 1556 1 s.

**FDG-PET/CT for systemic infections**

Hess, S., Møldrup Jakobsen, N., Brøndserud, M. B., Antonsen Segtnan, E. & Schifter, S., 2014, 1 : Current Molecular Imaging. 3, 3, s. 182-190

**FDG-PET/CT Imaging of Infected Bones and Prosthetic Joints**

Basu, S., Kwee, T. & Hess, S., 2014, 1 : Current Molecular Imaging. 3, 3, s. 225-229

**FDG-PET/CT in infectious and inflammatory diseases**

Hess, S., Hansson, S. H., Pedersen, K. T., Basu, S. & Høilund-Carlsen, P. F., 2014, 1 : P E T Clinics. 9, 4, s. 497-519

**Inflammatory thinking: A new imaging paradigm**

Hess, S., Blomberg, B. A. & Høilund-Carlsen, P. F., 2014, 1 : International Innovation. 147, s. 85-87

**New observation of early detection of venous thromboembolism by 18F-FDG PET/CT scans in patients with multiple myeloma**

Zhu, H., Hess, S., Goris, M. & Alavi, A., 2014.

**Nuclear Medicine in Denmark**

Høilund-Carlsen, P. F., Hess, S. & Johansen, A., 2014, 1 : London. January, s. 3-7

**PET/CT in the diagnosis of inflammatory bowel disease in pediatric patients: a review**

Malham, M., Hess, S., Nielsen, R. G., Husby, S. & Høilund-Carlsen, P. F., 2014, 1 : American Journal of Nuclear Medicine and Molecular Imaging. 4, 3, s. 225-30

**Potential Applications of FDG-PET/CT in COPD: A Review of the Literature**

Hess, S. & Madsen, P. H., 2014, I : Current Molecular Imaging. 3, 3, s. 191-194

**Preface: PET/CT: Quo vadis?**

Hess, S. & Høilund-Carlsen, P. F., 2014, I : P E T Clinics. 9, 4, s. xi-xiii 3 s.

**The basic principles of FDG-PET/CT imaging**

Basu, S., Hess, S., Braad, P-E., Olsen, B. B., Inglev, S. & Høilund-Carlsen, P. F., 2014, I : P E T Clinics. 9, 4, s. 355-370

**The Role of 18F-FDG-PET/CT in Infective Endocarditis and Cardiac Device Infection**

Rewers, K. I., Scholtens, A. M., Thomassen, A. & Hess, S., 2014, I : Current Molecular Imaging. 3, 3, s. 216-224

**The role of molecular imaging in diagnosis of deep vein thrombosis**

Houshmand, S., Salavati, A., Hess, S., Ravina, M. & Alavi, A., 2014, I : American Journal of Nuclear Medicine and Molecular Imaging. 4, 5, s. 406-25

**Usefulness of FDG-PET/CT for tumour thrombosis**

Ravina, M., Hess, S., Chauhan, M., Jacob, M. & Alavi, A., 2014.

**Venous thromboembolism: A novel application for 18F-FDG-PET/CT**

Hess, S., Zhu, H., Salavati, A., Goris, M., Høilund-Carlsen, P. F. & Alavi, A., 2014, I : Journal of Nuclear Medicine. 55, 1 (Suppl.), 1261.

**Prognosis in patients with suspected or known ischemic heart disease and normal myocardial perfusion: Long-term outcome and temporal risk variations**

Simonsen, J. A., Gerke, O., Rask, C., Tamadoni, S. M., Thomassen, A., Hess, S., Johansen, A., Mickley, H., Jensen, L. O., Hallas, J., Vach, W. & Høilund-Carlsen, P. F., 1. jun. 2013, I : Journal of Nuclear Cardiology. 20, 3, s. 347-357

**The effect of aging on aortic atherosclerotic plaque inflammation and molecular calcification: A FDG and NaF PET CT imaging study**

Blomberg, B., Thomassen, A., Hildebrandt, M., Vilstrup, M. H., Nielsen, A. L., Simonsen, J. A., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., jun. 2013.

**The relation between aging, aortic NaF avidity and coronary artery NaF avidity: A NaF PET CT study**

Blomberg, B., Thomassen, A., Hildebrandt, M., Vilstrup, M. H., Nielsen, A. L., Simonsen, J. A., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., jun. 2013.

**Bjørn Ibsen**

Hess, S., 2013

**Clinical value of FDG-PET/CT in suspected occult cancer**

Hess, S., Nielsen, A. L., Thomassen, A., Petersen, H. & Høilund-Carlsen, P. F., 2013, I : European Journal of Nuclear Medicine and Molecular Imaging. Volume 40, Suppl. 2, s. 381 P336.

**Clinical value of FDG-PET/CT in suspected occult malignancies**

Hess, S., Nielsen, A. L., Thomassen, A., Petersen, H. & Høilund-Carlsen, P. F., 2013.

**Deep venous thrombosis and pulmonary embolism detected by FDG PET/CT in a patient with bacteremia**

Nielsen, A. L., Thomassen, A., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., 2013, I : Clinical Nuclear Medicine. 38, 4, s. 276-7 2 s.

**Diagnostic Value of FDG-PET/CT in Laryngeal Nerve Palsy**

Nielsen, A. L., Thomassen, A., Hess, S., Petersen, H., Johansen, A., Röhde, M., Rørbæk Madsen, A., Godballe, C. & Høilund-Carlsen, P. F., 2013, I : European Journal of Nuclear Medicine and Molecular Imaging. Volume 40, Suppl 2, s. 251-251 OP706.

**FDG-PET/CT for venous thromboembolic disorders: Preliminary results**

Hess, S., Madsen, P. H., Iversen, E., Frifelt, J. J., Høilund-Carlsen, P. F. & Alavi, A., 2013.

**FDG-PET/CT for venous thromboembolic disorders: Preliminary results**

Hess, S., Madsen, P. H., Iversen, E., Frifelt, J. J., Høilund-Carlsen, P. F. & Alavi, A., 2013.

**Personen bag navnet: James Paget**

Hess, S., 2013

**Positron emission tomography in chronic obstructive pulmonary disease**

Madsen, P. H., Hess, S., Høilund-Carlsen, P. F. & Alavi, A., 2013, I : Hellenic Journal of Nuclear Medicine. 16, 2, s. 121-124

**The effect of aging on aortic atherosclerotic plaque inflammation and molecular calcification: A FDG and NaF PET CT imaging study**

Blomberg, B., Thomassen, A., Hildebrandt, M., Vilstrup, M. H., Nielsen, A. L., Simonsen, J. A., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., 2013, I : Journal of Nuclear Medicine. s. 405-406

**The relation between aging, aortic NaF avidity and coronary artery NaF avidity: A NaF PET CT study**

Blomberg, B., Thomassen, A., Hildebrandt, M., Vilstrup, M. H., Nielsen, A. L., Simonsen, J. A., Hess, S., Alavi, A. & Høilund-Carlsen, P. F., 2013, I : Journal of Nuclear Medicine. 54, Suppl. 2, s. 405

**A case of unexplained hypoxemia**

Madsen, P. H., Hess, S. & Madsen, H. D., 2012, I : Respiratory Care. 57, 11, s. 1963-64 s.

**Antoine Leeuwenhoek**

Hess, S., 2012

**Clinical value of FDG-PET/CT in suspected paraneoplastic syndromes**

Hess, S., Grupe, P., Nielsen, A. L., Thomassen, A., Petersen, H. & Høilund-Carlsen, P. F., 2012.

**Clinical value of FDG-PET/CT in suspected vascular graft infection**

Pedersen, K. T., Hess, S., Vind, S. H., Baudier, F., Gerke, O. & Høilund-Carlsen, P. F., 2012.

**Fra Star Fleet Medical's arkiver – De farlige stråler**

Hess, S., 2012, 6 s. Trekkies.dk - Den danske Star Trek Fanklub.

**Hepatopulmonalt syndrom**

Madsen, P. H., Hess, S., Laursen, S. B., Christiansen, A. & Laursen, C. B., 2012

**Influence of Perfusion Defects on Survival after Coronary Revascularization**

Simonsen, J. A., Gerke, O., Tamadoni, M., Rask, C. K., Thomassen, A., Hess, S., Johansen, A., Mickley, H., Jensen, L. O., Hallas, J. & Høilund-Carlsen, P. F., 2012, I : European Journal of Nuclear Medicine and Molecular Imaging. 39, Suppl 2, s. S180-S181

**Personen bag navnet: Charles H. McBurney**

Hess, S., 2012

**Potential role of FDG PET/CT imaging for assessing venous thromboembolic disorders**

Hess, S., Madsen, P. H., Basu, S., Højlund-Carlsen, P. F. & Alavi, A., 2012, I : *Clinical Nuclear Medicine*. 37, 12, s. 1170-23 s.

**Tuberkulose som folkesygdom**

Hess, S., 2012, I : *Dansk Medicinhistorisk Aarbog*.

**Fra Star Fleet Medical's arkiver - personen bag navnet: Marie Curie: Personen bag navnet: Marie Curie**

Hess, S., 2011, I : *Trekkies.dk*. 16, 1, 3 s.

**Nuklearmedicin - en introduktion**

Hess, S. & Hesse, B., 2011, *Klinisk Nuklearmedicin*. Christensen, C. B., Loft, A. & Hesse, B. (red.). 2. udg. Dansk Selskab for Klinisk Fysiologi og Nuklearmedicin, s. 10-15

**PET/CT without capacity limitations: a Danish experience from a European perspective**

Højlund-Carlsen, P. F., Gerke, O., Vilstrup, M. H., Nielsen, A. L., Thomassen, A., Hess, S., Højlund-Carlsen, M., Vach, W. & Petersen, H., 2011, I : *European Radiology*. 21, 6, s. 1277-1285 9 s.

**Rene Laënnec: En kort biografi**

Hess, S., 2011

**Respirationsorganerne**

Mortensen, J., Fischer, M. & Hess, S., 2011, *Klinisk Nuklearmedicin*. Christensen, C. B., Loft, A. & Hesse, B. (red.). 2. udg. Dansk Selskab for Klinisk Fysiologi og Nuklearmedicin, s. 75-91

**Virginia Apgar. Personen bag navnet**

Hess, S., 2011

**Christiaan Barnard: En kort biografi**

Hess, S., 2010

**Clinical value of PET/CT in bacteraemia of unknown origin: Results from an observational pilot study.**

Hess, S., Vind, S. H., Skarphédinsson, S., Pedersen, C., Kolmos, H. J., Gerke, O. & Højlund-Carlsen, P. F., 2010, I : *European Journal of Nuclear Medicine and Molecular Imaging*. 37, supplement 2, s. S468

**Clinical value of PET/CT in bacteraemia of unknown origin: Results from an observational pilot study**

Hess, S., Vind, S. H., Skarphédinsson, S., Pedersen, C., Kolmos, H. J., Gerke, O. & Højlund-Carlsen, P. F., 2010.

**Et strålende speciale: Glimt af nuklearmedicinens historie i Danmark**

Hess, S., 2010, I : *Dansk Medicinhistorisk Aarbog*. 2010, s. 93-116 23 s.

**Fra Star Fleet Medical's arkiver: Lægen i krig og patienten i krise**

Hess, S., 2010, 5 s. København : Trekkies.dk - Den danske Star Trek Fanklub.

**Fra Star Trek Medical's arkiver: Personen bag navnet: Alexander Fleming**

Hess, S., 2010, 2 s. København : Trekkies.dk - Den danske Star Trek Fanklub.

**Medicinhistorisk quiz: No. 6**

Hess, S., 2010

**Personen bag navnet: Vladimir Beckterev**

Hess, S., 2010

**Possible role of PET/CT in infective endocarditis**

Haase Vind, S. & Hess, S., 2010, 1 : Journal of Nuclear Cardiology. 17, 3, s. 516-9 4 s.

**Terapeutiske konsekvenser ved lungeskintigrafi med intermediaer sandsynlighed for lungeemboli**

Marmolin, E. S., Møller, L., Johansen, A., Madsen, P. H. & Hess, S., 4. maj 2009, 1 : Ugeskrift for læger. 171, 19, s. 1594-7 3 s.

**Fra Star Fleet Medical's arkiver: Fremtidens lægeetik**

Hess, S., 2009, 5 s. København : Trekkies.dk - Den danske Star Trek Fanklub.

**Fra Star Fleet Medical's arkiver: Akutmedicin og kunstige organer**

Hess, S., 2009, 5 s. København : Trekkies.dk - Den danske Star Trek Fanklub.

**Personen bag navnet: Christian Gram: Historisk vignet for Historisk Udvalg under Lægekredsforeningen for Region Syddanmark**

Hess, S., 2009

**Circulating vasomodulators in acute pulmonary embolism**

Madsen, P. H., Hess, S., Gerke, O., Højlund-Carlsen, P. F., Videbæk, L., Gill, S., Andersen, P. E. & Bie, P., 2008.

**Erfaringer med PET/CT-skanning ved infektionsmistanke**

Hess, S., 2008.

**First experience with FDG PET/CT in fever of unknown origin**

Hess, S. & Vind, S. H., 2008.

**Fra Star Fleet Medical's arkiver: Medicinsk udstyr**

Hess, S., 2008, 5 s. København : Trekkies.dk - Den danske Star Trek Fanklub.

**Kort artikel om aspirins historie og kort biografi om H.C. Hagedorn**

Hess, S., 2008, 1 : Syddanske Læger. 3, 4, s. 32-33

**Korte biografier om Emil Theodor Kocher og Jacob Winsløw**

Hess, S., 2008, 1 : Syddanske Læger. 2, s. 34-35

**Korte biografier om William Harvey og Ole Chievitz**

Hess, S., 2008, 1 : Syddanske Læger. 3, 6, s. 22-23

**Lægekredsforeningen - goddag og farvel**

Sørensen, T., Diernæs, E., Hess, S. & Østergaard, A., 2008, 1 : Syddanske Læger. 3, 6, s. 6-9

**Medicin-historisk Quiz**

Hess, S., 2008, 1 : Syddanske Læger. 1, s. 17

**Medicin-historisk Quiz**

Hess, S., 2008, 1 : Syddanske Læger. 3, 3, s. 34

**Medicin-historisk Quiz**

Hess, S., 2008, 1 : Syddanske Læger. 3, 5, s. 19

### **PET-CT til diagnostik af infektioner**

Hess, S., Vind, S. H. & Høilund-Carlsen, P. F., 2008, I : Ugeskrift for læger. 170, 43, s. 3404-7

### **The impact of patient positioning on the detection of sentinel nodes in non-palpable breast cancer**

Falch Braas, K., Bøtker-Rasmussen, L., Hess, S., Gerke, O. & Johansen, A., 2008.

### **Circulating vasomodulators in acute pulmonary embolism**

Madsen, P. H., Hess, S., Gerke, O., Høilund-Carlsen, P. F., Videbæk, L., Gill, S., Andersen, P. E. & Bie, P., 2007.

### **Korte biografier om John Snow og Alexander Fleming**

Hess, S., 2007, I : Syddanske Læger. 6, s. 24-25

### **Lung scintigraphy: value of ventilation imaging and single photon emission computed tomography: Results of a pilot study**

Hess, S., Madsen, P. H., Andersen, P. E., Grupe, P. & Lund, J. O., 2007, I : European Journal of Nuclear Medicine and Molecular Imaging. 34, s. 268

### **Lung scintigraphy: value of ventilation imaging and single photon emission computed tomography: Results of a pilot study**

Hess, S., Madsen, P. H., Andersen, P. E., Grupe, P. & Lund, J. O., 2007.

### **Medicin-historisk Quiz**

Hess, S., 2007, I : Syddanske Læger. 5, s. 23

### **The impact of patient positioning on the detection of sentinel nodes in non-palpable breast cancer**

Falch Braas, K., Bøtker-Rasmussen, L., Hess, S., Gerke, O. & Johansen, A., 2007, I : European Journal of Nuclear Medicine and Molecular Imaging. 34, s. 402-403

### **Fra uransten til positron emissionstomografi - Træk af nuklearmedicinens historie**

Hess, S. & Høilund-Carlsen, P. F., 2006, I : Bibliotek for læger. 197, 4, s. 332-375 43 s.

### **Billeddiagnostik ved akut lungeemboli: Om brug af spiralcomputertomografi, lungeskintigrafi og ekkokardiografi**

Hess, S., Madsen, P. H., Jørgensen, H. B. & Høilund-Carlsen, P. F., 2005, I : Ugeskrift for læger. 167, 41, s. 3870-3875

### **Billeddiagnostisk håndtering af akut lungeemboli i Danmark: En rundspørge**

Madsen, P. H., Hess, S., Jørgensen, H. B. & Høilund-Carlsen, P. F., 2005, I : Ugeskrift for læger. 167, 41, s. 3875-3877

## **Undervisningsportfolio**

### **FORMEL PÆDAGOGISK UDDANNELSE**

2019 Supervision af forskningsledere (RSD)

2016 Lederaspirantkursus

2007 Vejlederkursus

2005 Læringskursus

### **UDDANNELSESDADMINISTRATIVE OPGAVER**

2019-nu Medlem af lokal styregruppe for implementering af kandidatuddannelsen i medicin ved SVS Esbjerg/Syddansk Universitetshospital Esbjerg 2019-nu Modultovholder, K6 ("Nyresygdomme, onkologi, retsmedicin") ved kandidatuddannelsen i medicin ved SVS Esbjerg/Syddansk Universitetshospital Esbjerg

2018-nu Fagansvarlig, "Radiografi for kiropraktikstuderende", kandidatuddannelsen i klinisk biomekanik, SDU

2016-nu Delkursusleder, "Patofysiologi og billeddiagnostik ved infektions-/inflammationssygdomme og knoglelidelser".

Speciallægeuddannelsen i klinisk fysiologi og nuklearmedicin

2014-nu Medlem af Dansk Selskab for Klinisk Fysiologi og Nuklearmedicins Efteruddannelsesudvalg

2013-2016 Daglig leder af Nuklearmedicinsk Afdelings (OUH) enhed for prægraduate forskningsårsstuderende

2010-13 Delkursusleder, "Teknologisk Medicinsk Billeddannelse" og "Funktionel Billeddannelse". Masteruddannelsen i Medicinsk Billeddiagnostik

2009-13 Initiativtager og delkursusleder, "Teoretisk kursus for introlæger". Dansk Selskab for Klinisk Fysiologi og

## ERFARING MED UNDERVISNING, VEJLEDNING OG EKSAMEN

*Undervisning, prægraduat* 2019-nu Radiografstuderende (nuklearmedicinsk linje): Klinik, patofysiologi og diagnostiske metoder "Infektion og inflammation", "Onkologi", "Klassisk nuklearmedicin" (18 lektioner/semester)  
2015-2018 Medicin, bachelor (modul B6: Klinisk Fysiologi): "Introduktion til klinisk fysiologi og nuklearmedicinske metoder" (2 lektioner/semester)  
2015 Civilingeniør i velfærdsteknologi, bachelor: "Videnskabsteori: Etik" (2 lektioner); "Videnskabsteori: Katastrofemedicin" (2 lektioner); "Basal fysiologi: Lungeemboli" (2 lektioner); "Basal fysiologi: Nuklearmedicin" (4 lektioner, inkl. Studiebesøg i afdelingen)  
2013-2018 Radiografstuderende (nuklearmedicinsk linje): "Infektion og inflammation: Patofysiologi og nuklearmedicinsk diagnostik" (3 lektioner/semester); "Prostatacancer: Patofysiologi og nuklearmedicinsk diagnostik" (2 lektioner/semester); "Neuroendokrine tumorer: Patofysiologi og nuklearmedicinsk diagnostik" (2 lektioner/semester)  
2008-09 Fysioterapeutstuderende: "Reumatologi" (4x4 lektioner/semester)  
2006-12 Stud. scient. (biomedicinsk linje): "Patofysiologiske begivenheder ved akut lungeemboli" (2 lektioner/semester)

### *Undervisning, postgraduat*

2017 Hoveduddannelsesforløbet i karkirurgi: "Billeddiagnostik ved karproteseinfektion" (1 lektion)  
2016-nu Hoveduddannelsesforløbet i klinisk fysiologi og nuklearmedicin: "Knogleskintigrafi" (2 lektioner/kursus); "PET/CT til infektion/inflammation" (3 lektioner/kursus)  
2012-nu Hoveduddannelsesforløbet i klinisk onkologi: "Kemoterapiens historie" (1 lektion/kursus); "Nuklearmedicinske metoder" (1 lektion/kursus)  
2010-2013 Masteruddannelse i Medicinsk Billeddiagnostik: "Introforelæsning – hvad kan billeder bruges til?" (1 lektion/semester); "Diagnostik af akut lungeemboli" (4 lektioner/semester); "Billeddiagnostik – et historisk overblik" (1 lektion/semester); "Knogleskintigrafi" (2 lektioner/semester); "Nuklearmedicinsk infektionsdiagnostik" (2 lektioner/semester); "Klinisk PET/CT" (2 lektioner/semester); "Medicinske stråleskader i historien" (1 lektion/semester)  
2009-2012 Teoretisk kursus for introduktionslæger i klinisk fysiologi og nuklearmedicin: "Nuklearmedicinsk infektionsdiagnostik" (1 lektion/kursus); "Klinisk PET/CT – en oversigt" (1 lektion/kursus); "Knogleskintigrafi" (1 lektion/kursus); "Lungeskintigrafi" (1 lektion/kursus)  
2005-nu Talrige foredrag/forelæsninger internt i diverse afdelinger for lægeligt og paralægeligt personale

### *Vejledning, medicinstuderende*

2018 Kandidatspeciale: "FDG-PET/CT as a Diagnostic Tool in Vascular Graft Infection – a Systematic Review and Meta-Analysis. Synnøve Klyve Sunde og Therese Beske.  
2017 Kandidatspeciale: "Value of FDG-PET/CT for treatment response in Tuberculosis - a systematic review and meta-analysis". Hannes Sjölander og Torbjørn Strømsnes.  
2016-2018 Kandidatspeciale (forskningsårsstuderende): "Clinical value of PET/CT in suspected serious disease/occult cancer – a retrospective study". Kamilla B. Caspersen  
2016 Kandidatspeciale: "Role of PET/CT in metastases of unknown primary - A systematic review and meta-analysis". Synne A. Berglin  
2015 Kandidatspeciale (forskningsårsstuderende): "Spondylitis and Spondylodiscitis Treatment and Recurrence Imaging". Jens Guldborg (forløbet afbrudt)  
2015 Kandidatspeciale (forskningsårsstuderende): "Prognostic evaluation of 18F-FDG-PET/CT in endometrial cancer - a retrospective study". Annette A. Lund  
2015 Kandidatspeciale (forskningsårsstuderende): "The Role of FDG-PET/CT in Preoperative Staging of Sentinel Lymph Node Biopsy Positive Melanoma Patients". Evan C. Frary  
2015 Kandidatspeciale (forskningsårsstuderende): "[18F]Fluoro-D-Mannose (FDM) is a potential new tracer for inflammatory bowel disease". Sofus Rønne Soltau  
2014 Kandidatspeciale (forskningsårsstuderende): "Clinical value of FDG-PET/CT in bacteremia of unknown origin". Mette B. Brøndserud  
2014 Kandidatspeciale (forskningsårsstuderende): "Recurrence detection in pancreatic and gastric cancer: The value of semi-quantitative FDG-PET/CT". Jacob T. Friis  
2014 Kandidatspeciale (forskningsårsstuderende): "Quantification of diaschisis in gliomas: Potential prognostic implications". Eivind A. Segtnan  
2014 Kandidatspeciale: "A retrospective assessment of the impact of FDGPET/CT on the staging and treatment strategy of colorectal cancer". Rasmus K. Petersen  
2013 Kandidatspeciale: "Cost effectiveness of PET/CT: A systematic review". Ronnie Hermansson.  
2012 Kandidatspeciale: "Clinical value of PET/CT in fever of unknown origin". Rikke Andersen.  
2011 Kandidatspeciale: "Den supplerende værdi af SPECT/CT ved planar knogleskintigrafi hos patienter med malign sygdom". Anna Sörsjö og Rikke B. Andreasen.  
2009 Kandidatspeciale: "Førstelinje konsolideringsbehandling med 90Y-Ibritumomab Tiuxetan (Zevalin®) til follikulære non-Hodgkins lymfomer". Christian J. Lerche og Thomas Olsen  
2007 Kandidatspeciale: "Lungeskintigrafi: Terapeutiske konsekvenser". Louise Møller og Ea S. Marmolin

### *Vejledning, masterstuderende og PhD-studerende*

2017-nu "Effects of GLP-1 receptor agonist treatment on pulmonary function and quality of life in obese patients with chronic obstructive pulmonary disease. A prospective, randomized, placebo-controlled, double-blinded, parallel group,

two-center trial for the evaluation of the effect of Liraglutide 3 mg daily on chronic obstructive pulmonary disease". Læge, PhD-stud. Ayse Dudu Altintas Dogan  
2017-nu "Polymyalgia Rheumatica and Giant cell arteritis-three challenges- consequences of the vasculitis process, osteoporosis and malignancy". Læge, PhD-stud. Amir Emamifar  
2016 Masterprojekt (Master i Medicinsk Billeddiagnostik): "Agreement and Reliability of Lesion Detection in the Equine Metacarpo(tarso)phalangeal Joint Using Standing Low-field MRI and Arthroscopy". Dyrlæge, masterstuderende Lynette Ramsey  
2016 Masterprojekt (Master i Medicinsk Billeddiagnostik): "Can NaF PET/CT replace Bone scintigraphy when diagnosing prosthetic loosening? – a prospective comparative pilot study". Bioanalytiker, masterstuderende Susanne D. P. Lind  
2012 Masterprojekt (Master i Medicinsk Billeddiagnostik): "Den kliniske værdi af SPECT/CT hos patienter med knæsmærter efter indsættelse af total knæalloplastik". Bioanalytiker, masterstuderende Lasse K. Nielsen

#### *Censoropgaver*

2014-nu > 20 bachelor-/kandidatspecialer, medicin (fysiologi/billeddiagnostik)  
2014-nu Bachelorprojekter og diverse kliniske eksamener for radiografer og bioanalytikere inden for det nuklearmedicinske speciale

#### **METODER, MATERIALER OG REDSKABER**

2019 Auletta S, Christensen TQ, Hess S. "Hybrid SPECT/CT and PET/CT Imaging in Infectious Diseases. I: Signore A, Glaudemans AWJM (eds.). Nuclear Medicine in Infectious Diseases. Springer. [Lærebogskapitel]  
2017 Hess S, Madsen PH. "Radionuclide diagnostics for venous thromboembolism". I: Islam S (ed). Thrombosis and embolism. Elsevier. [Lærebogskapitel]  
2017 Madsen PH, Hess S. "Symptomatology, clinical presentation and basic work up in patients with suspected pulmonary embolism". I: Islam S (ed). Thrombosis and embolism. Elsevier. [Lærebogskapitel]  
2015 El-Haddad G, Hess S, Worsley D, Alavi A. "Chapter 32: Physiologic and Metabolic Study of Pulmonary Disorders Using Conventional Imaging Techniques and Positron Emission Tomography". I: Fishman AP (ed.). Fishman's Pulmonary Diseases and Disorders, 5th ed. McGraw Hill. [Lærebogskapitel]  
2012 "Kompendium i nuklearmedicin". Kitebog for yngre læger (tidl. udgaver 2004/2006)  
2011 Hess S, Hesse B. "Klinisk nuklearmedicin – en introduktion". I: Christensen CB, Jacobsen AL, Hesse B (red.). Klinisk Nuklearmedicin. DSKFNM. [Lærebogskapitel]  
2011 Mortensen J, Fischer BMB, Hess S. "Respirationsorganerne". I: Christensen CB, Jacobsen AL, Hesse B (red.). Klinisk Nuklearmedicin. DSKFNM. [Lærebogskapitel]  
2009 "Ledalloplastikker – et knogleskintigrafisk miniatlas". Kompendium for læger  
2005 Hess S, Madsen PH. "Om den akutte lungeemboli". Kompendium for læger

#### **UDDANNELSESUDVIKLING OG UNIVERSITETSPÆDAGOGISK (FØLGE)FORSKNING, HERUNDER PÆDAGOGISKE PRISER**

2016 Arbejdsgruppe vedr. nyt valgfrit praktikspor (paraklinik) på medicinstudiet  
2014 Arbejdsgruppe vedr. øget undervisning i nuklearmedicin på medicinstudiet  
2012 Tildelt "Årets Skintillator" – uddannelsespris indstiftet af yngre læger under Dansk Selskab for Klinisk Fysiologi og Nuklearmedicin for at hædre en særlig indsats for videreuddannelsen inden for specialet. Tildelt for arbejdet med at oprette det første teoretiske kursus for introduktionslæger