HERCA MedInspector Workshop, November 6-8, 2018
Stockholm, Sweden

EANM initiatives related to radiation protection in nuclear medicine

Kristoff Muylle

EANM President 2017-2018

EANM & Radiation Protection (1)

- Multi-stakeholder Meeting on Justification & Optimisation in the Medical Field, 10th of March 2016
- DoMoRe track at the EANM Congress, plenary sessions, guidelines,…
- EANM Internal Dosimetry Task Force > Manual on Dosimetry (Vienna 2017)
- Radiation Protection Committee founded in 2016
- EURAMED (European Alliance on Radiation protection in Medicine)
  - Joint initiative EANM, ESR, EFOMP, EFRS and ESTRO
  - Founded in 2016 as a joint initiative
  - Legal entity since 2017
- Medirad Proposal accepted in 2017

EANM & Radiation Protection (2)

- Basic Safety Standards Directive > publications
  - The conflict between treatment optimization and registration of radiopharmaceuticals with fixed activity posology in oncological nuclear medicine therapy, C. Chiesa et al
  - Dosimetry in clinical radionuclide therapy: the devil is in the detail, F. Giammarile et al.
  - …
- New EANM Board position: Scientific Liaison Officer
- Pipeline: Accreditation for Quantitative SPECT (EARL), Innovation on Instrumentation Platform,…
- European Commission DG Energy, Meeting of the Working Party on Medical Exposures (WP MED), 13 November, 2018
- European Nuclear Medicine Guide > optimisation
- EANM referral Guidelines / clinical decision support > justification

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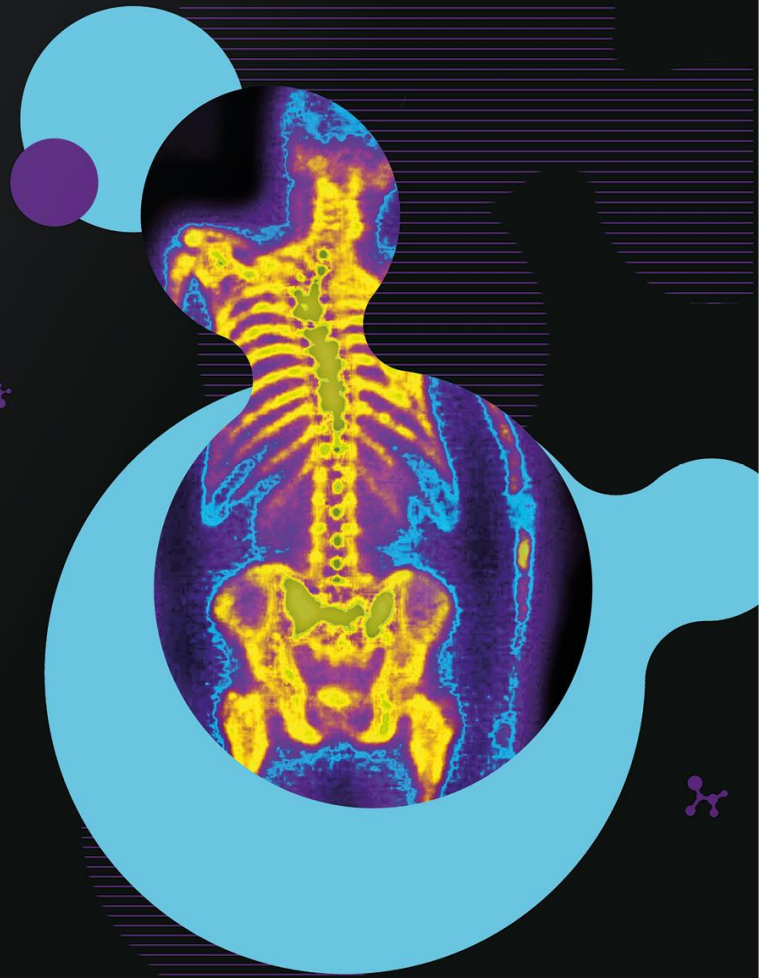

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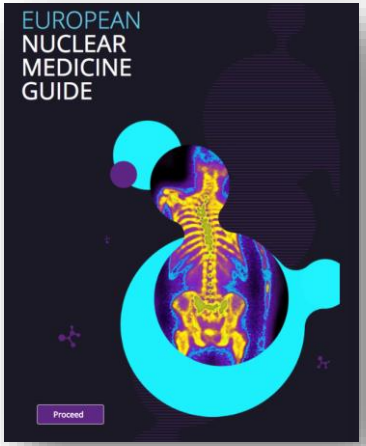

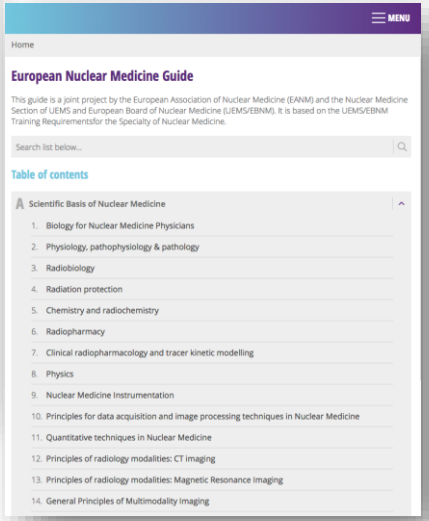

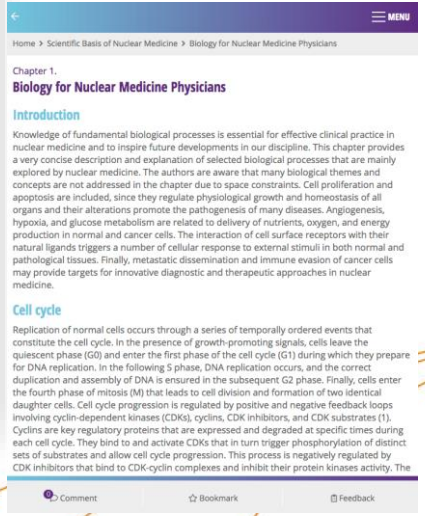

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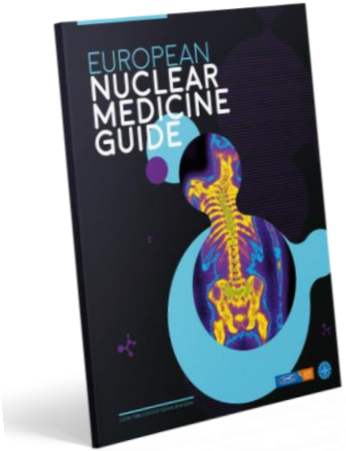

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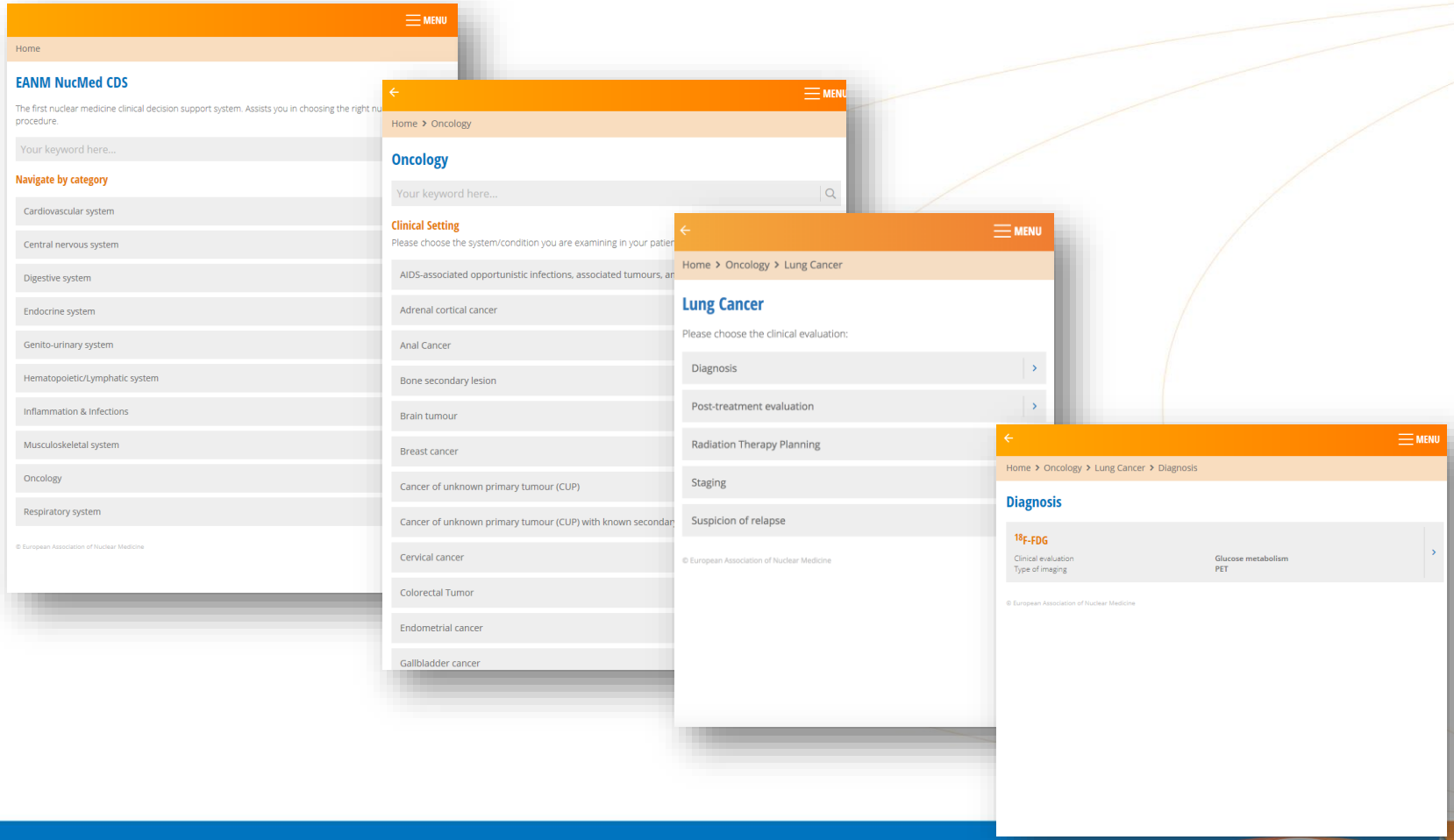
I am examining a patient with suspected lung cancer – which is the most suitable nuclear medicine procedure for diagnosis?



Oncology > Lung Cancer > Staging

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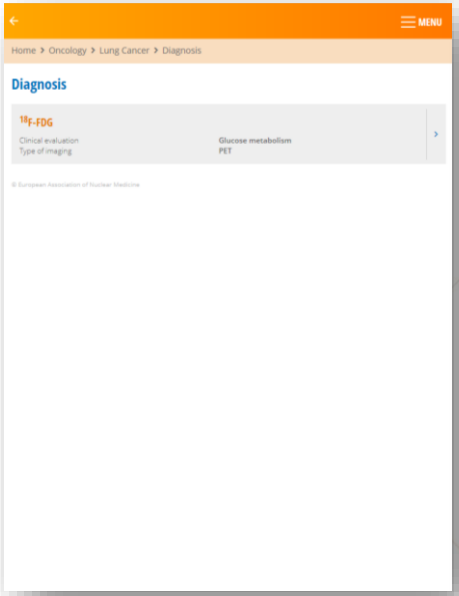

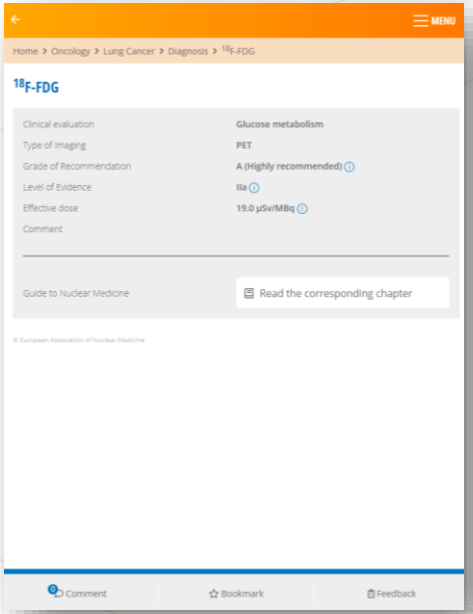

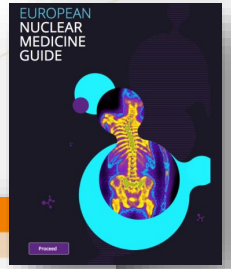

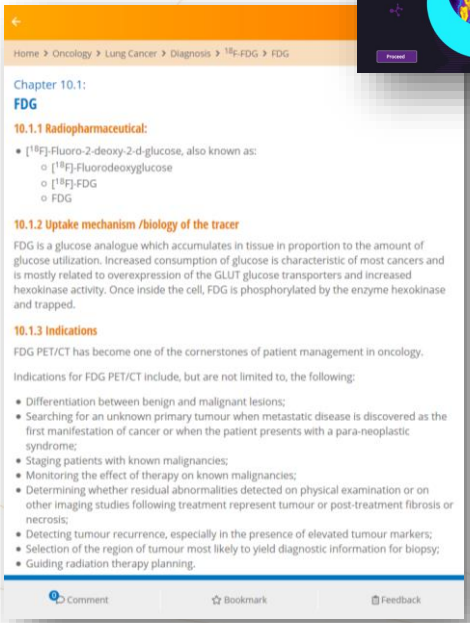

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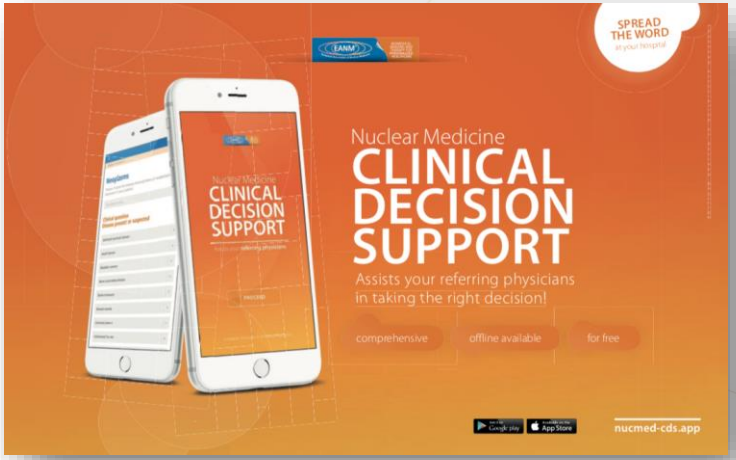

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