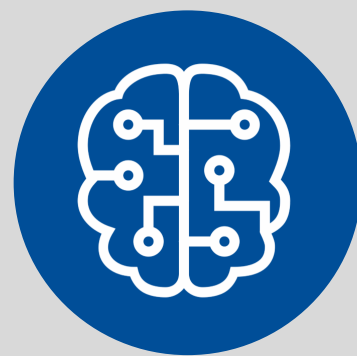# Artificial Intelligence in healthcare: tools, algorithms & concrete cases

Short description

National Health Organization of Greece for health care provisions (EOPYY)

Correlation of electronic prescription of FSMPs data with specialized patients health data, targeting the limitation of over prescription in this area: abnormality detection in the prescription of FSMPs for specific diagnoses (radiation enteritis, radiation esophagitis) with correlation in real time of data originated from the e-radiotherapy system. Due to the observation that there is overprescription of FSMPs in this area, we developed a system with specific algorithms that correlates in real time the FSMPs prescription for these diagnoses with data originated from the e-radiotherapy system (malignancy diagnosis, planning and radiotherapy location, radiotherapy time) and from the patients personal health data (comorbidity, previous hospitalizations, drugs prescribed).

CNS 'd'Gesondheetskeess' - the National Health Fund (CNL)

Use of Artificial Intelligence by CNS Luxembourg: presentation on how CNS works with Artificial Intelligence. Tools and algorithms currently being used by CNS and projection of what CNS wants to set up.

Defined goals

EOPYY

Abnormality detection in the prescription of FSMPs for specific diagnoses / Counter fraud in FSMPs prescription / Prevent prescription in patients who don't need FSMP / Reduction FSMP budget.

CNL
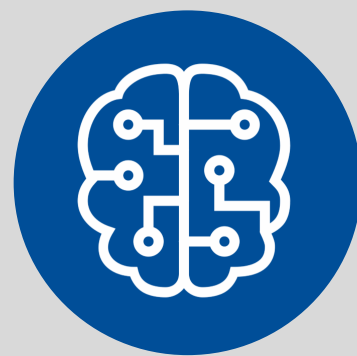
Overview on how CNS Luxembourg uses AI.

Contact details for more information

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EHFCN
WEBINAR

Artificial Intelligence in healthcare: tools, algorithms & concrete cases

Speakers

- Frédéric Cuni: data Scientist / Analyst for the « Department MOA, IT support and decisional analysis - Analysis Service decision-making and statistics » at CNS Luxembourg
- Laurent Wilmes: head of the «Anti-Abuse and Fraud Department» at CNS Luxembourg

- Konstantinos Zacharopoulos: Dr. Orthopaedic Surgeon.
  Head of the Department of planning and pricing of provisions for Medical devices, Healthcare materials and FSMPs.
  Directory of Strategic Planning, EOPYY