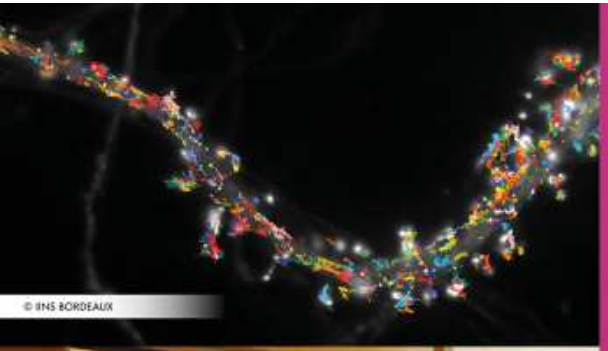

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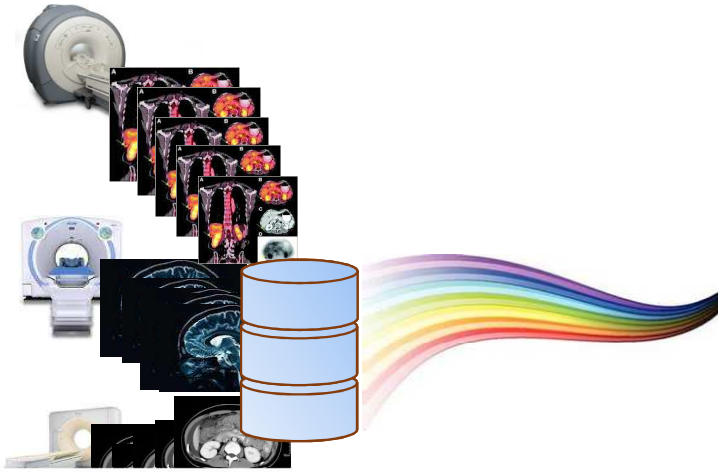
BIO-IMAGERIE PHOTONIQUE ET SANTÉ EN NOUVELLE-AQUITAINE
RÉSEAU D'EXCELLENCE



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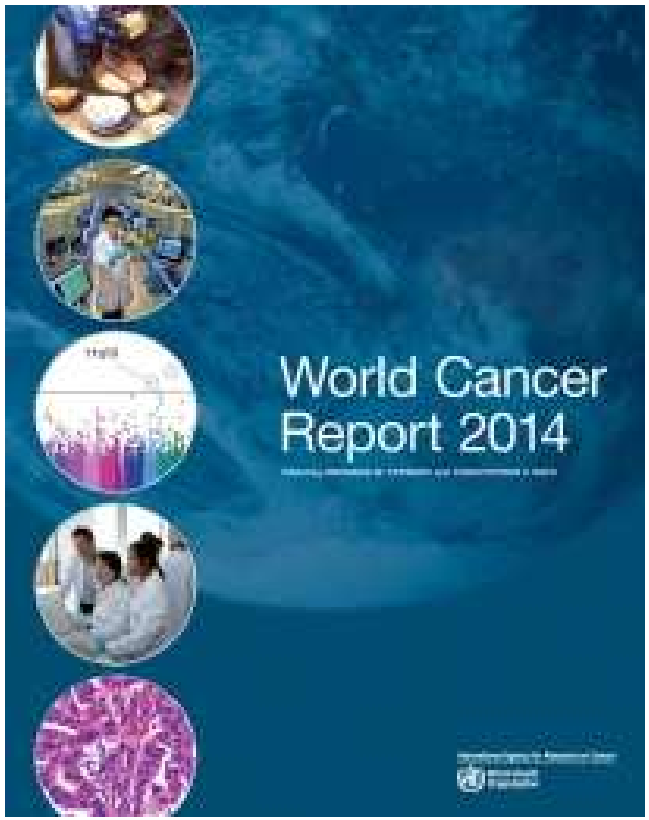
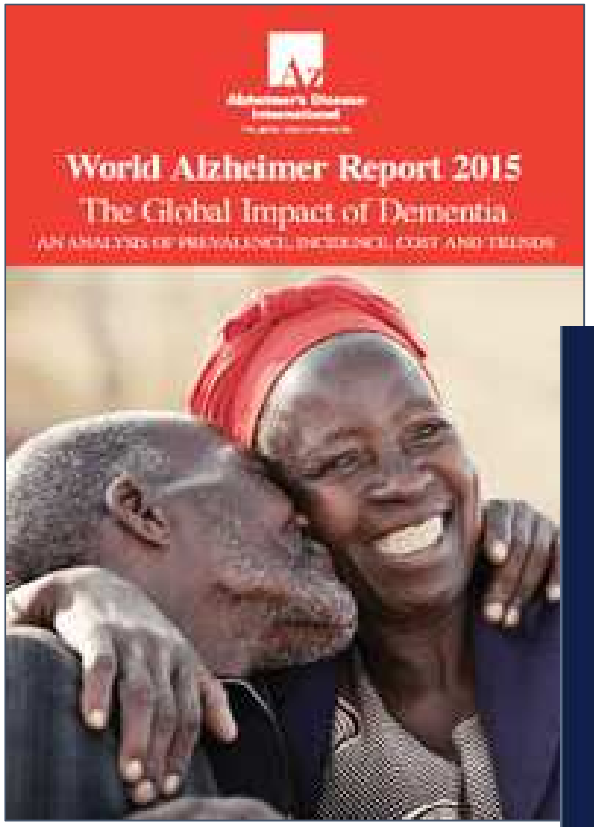
# Libérer le potentiel d'archives d'images médicales pour la recherche

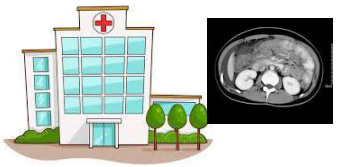
**Karine SEYMOUR - kseymour@medexprim.com**


World Cancer Report 2014


World Alzheimer Report 2015
The Global Impact of Dementia

Big Data for Advancing Dementia Research
An evaluation of data sharing practices in research on age-related neurodegenerative diseases
UNIVERSITY OF OXFORD
OECD
Ulrike Deetjen | Eric T. Meyer | Ralph Schroeder
March 2015

Issue Brief
NEHI
THE NETWORK FOR EXCELLENCE IN HEALTH INNOVATION
September 2015
Real World Evidence:
A New Era for Health Care Innovation



**Big Data**

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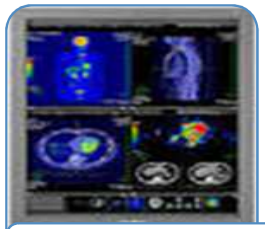
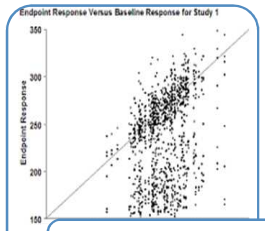
Identification

Recherche + Extraction

Anonymisation + routage sécurisé



Quantification




Analyse

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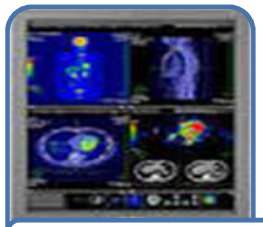
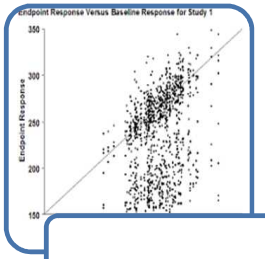
Identification

Recherche + Extraction

Anonymisation + routage sécurisé



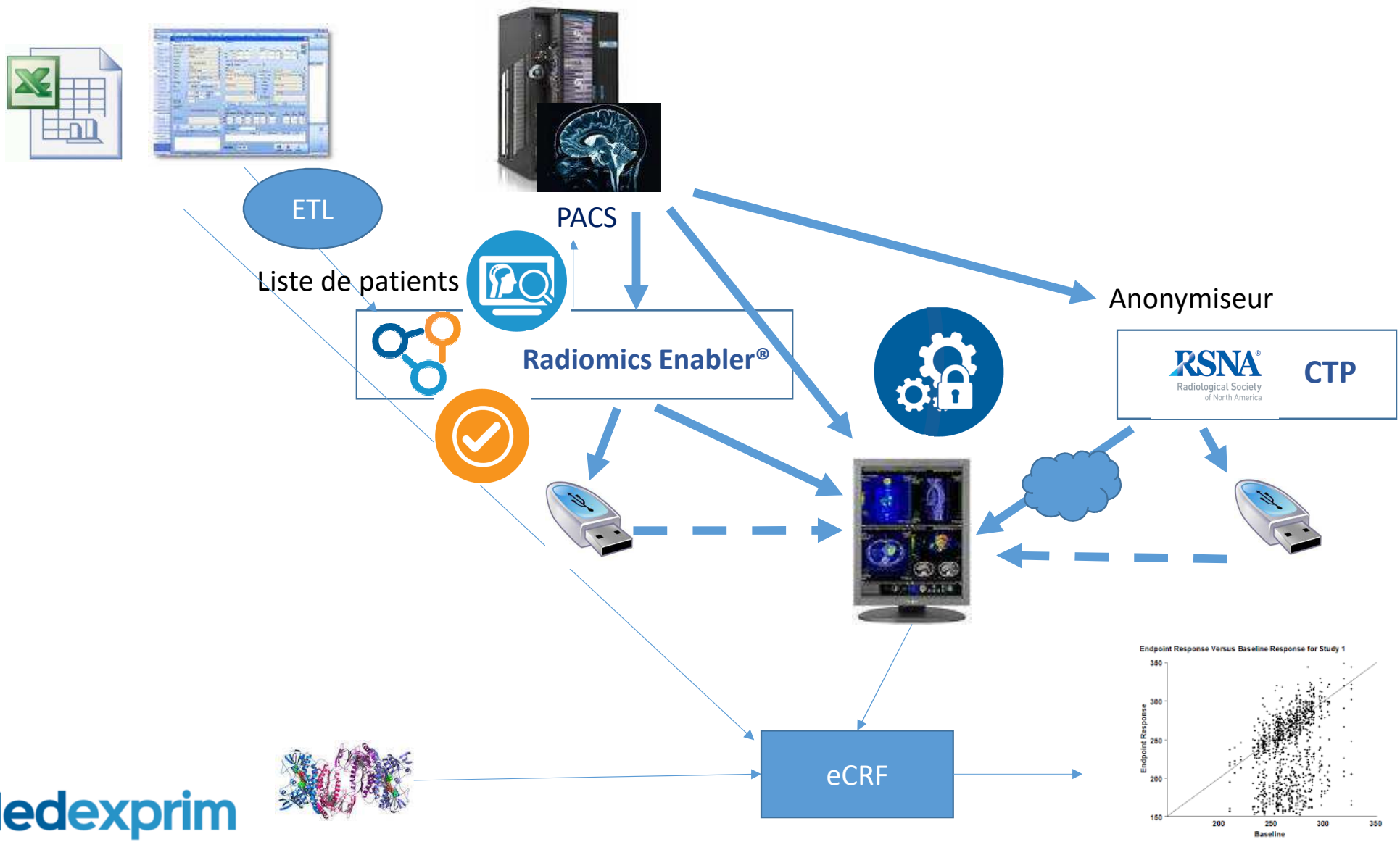
Quantification




Analyse

***Radiomics Enabler®***

**4 à 6 mois → 4 heures**


ETL
PACS
Liste de patients
Radiomics Enabler®
Anonymiseur
RSNA
Radiological Society
of North America
CTP
eCRF
Endpoint Response Versus Baseline Response for Study 1
Endpoint Response
Baseline
350
300
250
200
150
200
250
300
350

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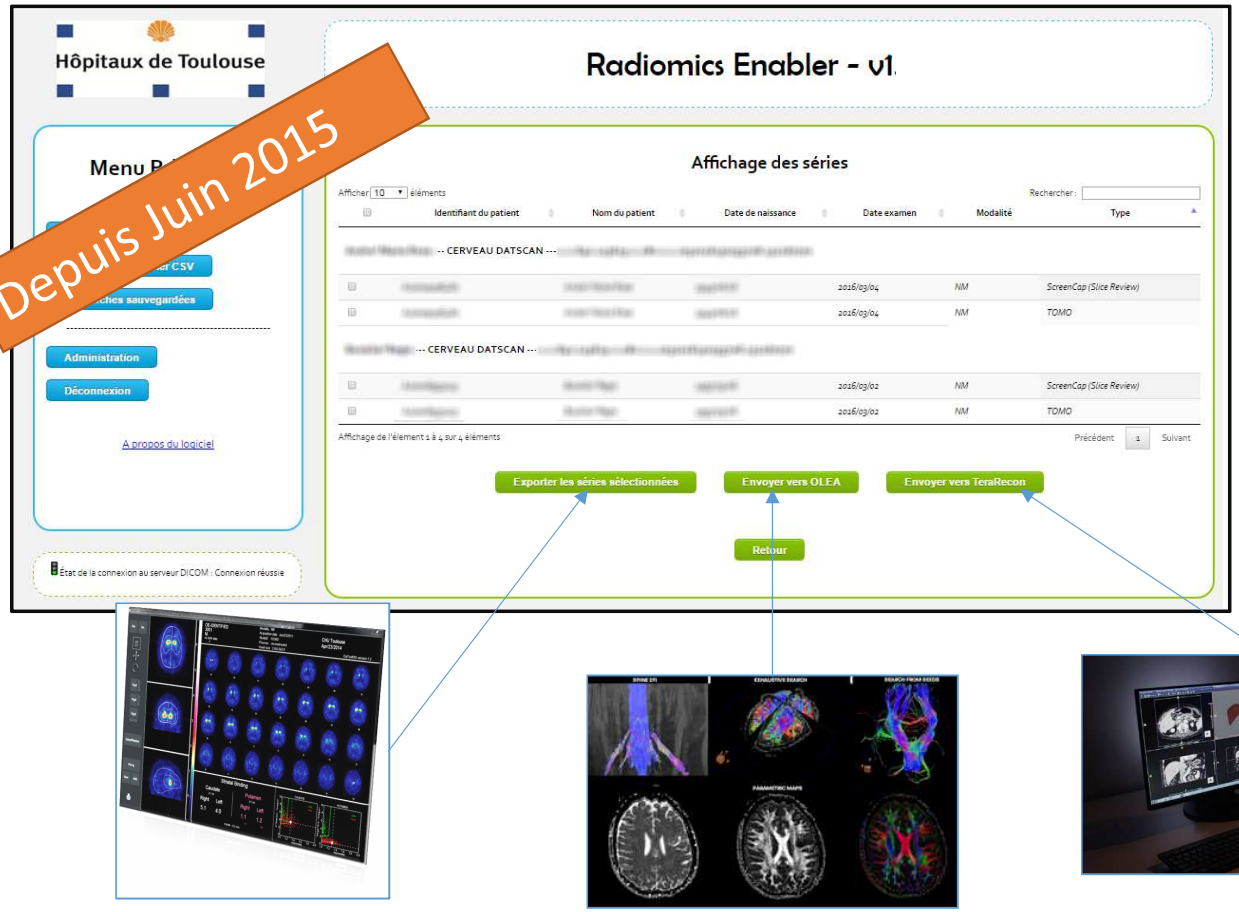


Hôpitaux de Toulouse

Inserm
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Pr. Pierre Payoux

*« Grâce à notre collaboration avec Medexprim, nous avons économisé plusieurs mois de travail.»*