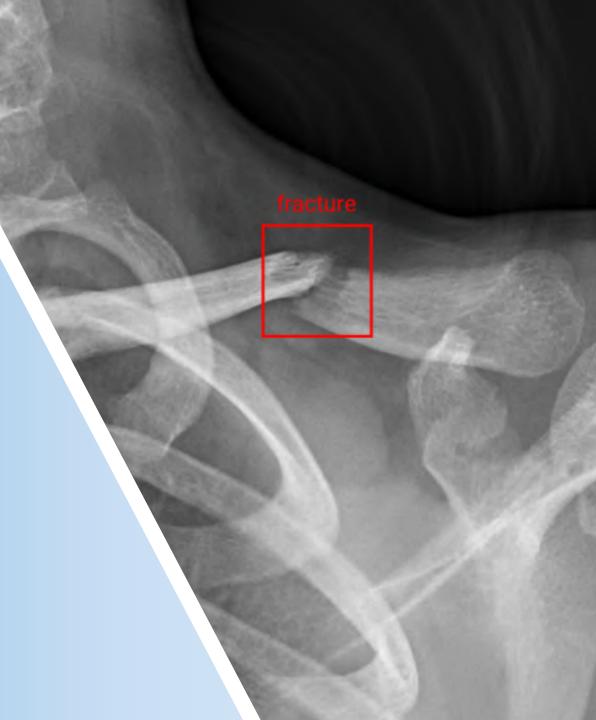


Optimize your workflow with Artificial Intelligence

RAYVOLVE | A high-performance computer-aided diagnosis tool that detects all types of fractures on x-rays





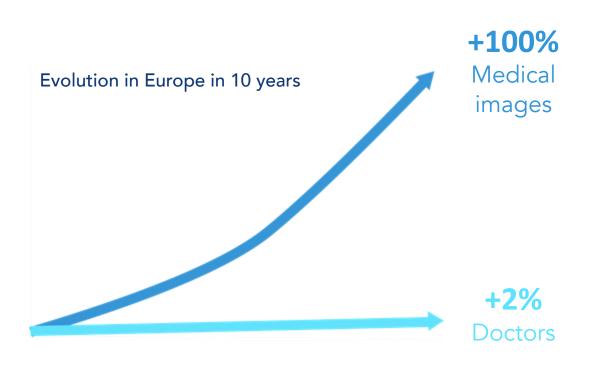
HEALTHCARE CHALLENGES

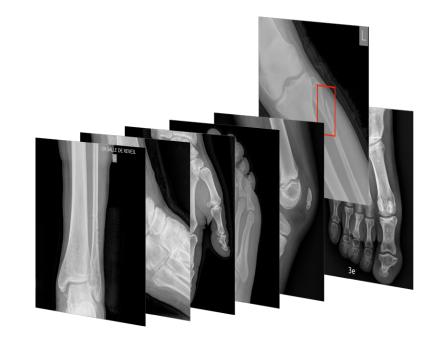
Explosion of the number of medical imaging procedures

On average

92%

Of x-rays do not show fractures







RAYVOLVE

High-performance solution based on Artificial Intelligence



Al medical device CEmarked in France in its category









Sorting of exams by priority order



Smooth integration on all types of viewers



RAYVOLVE

State-of-the-art Deep Learning algorithm

1 Million

x-rays collected to train the algorithm



2 years of R&D

for the development of the first algorithm



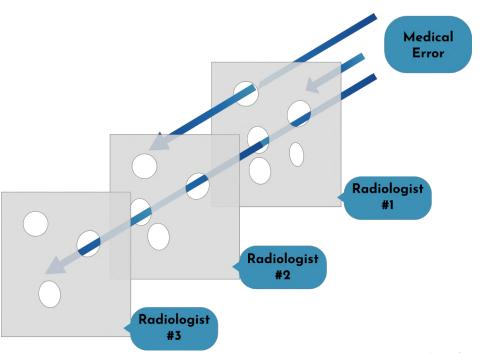
3 radiologists

involved in the annotation of each image



Quality system

compliant with ISO 13 485 standard



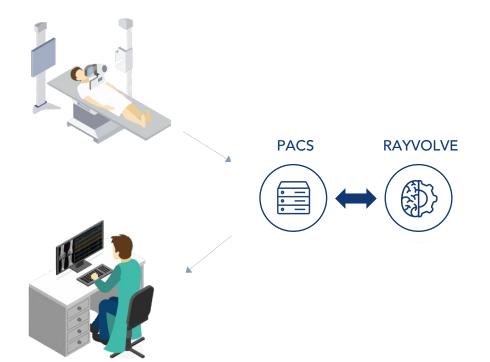


ERGONOMICS

100 % integrated into doctor's workflow and connected directly to the PACS

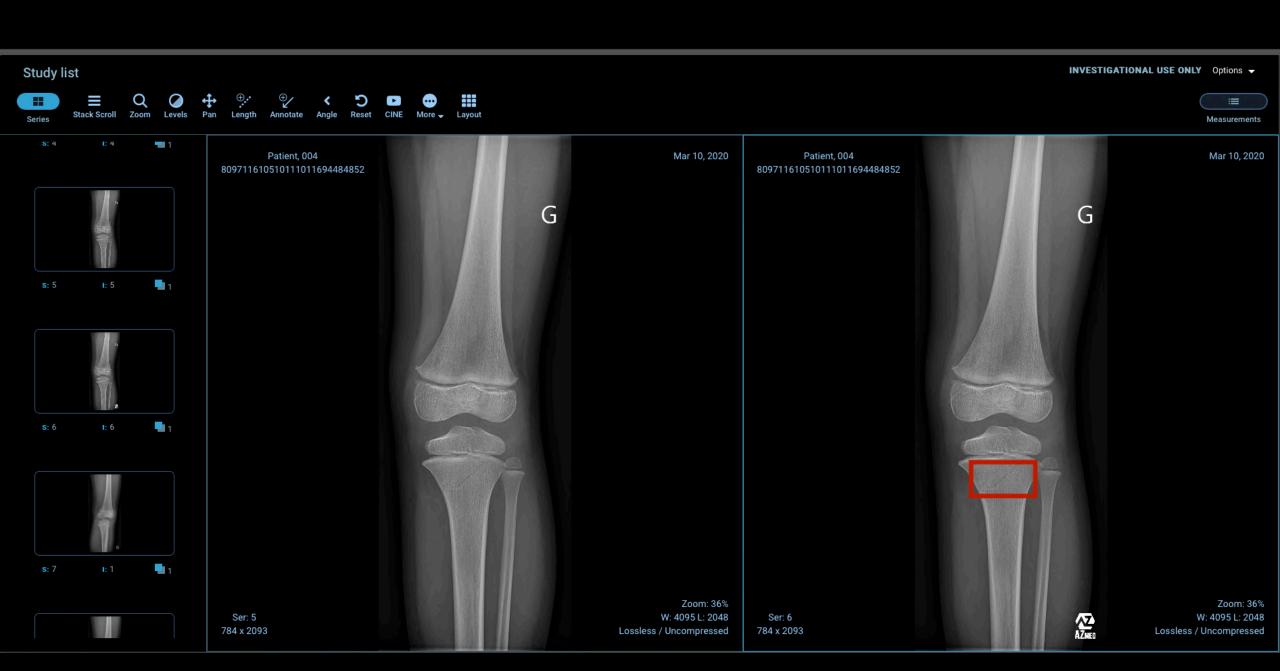


time required to generate the predictions



Nothing changes regarding your habits:

- Predictions automatically generated on your own viewer in the same DICOM series
- Without any additional click



INVESTIGATIONAL USE ONLY Options -



Annotate Angle

Reset CINE More → Layout



Mar 10, 2020





1



Mar 10, 2020

Patient, 005 809711610510111011694484853 FRACTURE ETECTED

1241 x 2374

Ser: 7

Zoom: 32% W: 4095 L: 2048 Lossless / Uncompressed

Zoom: 32% W: 4095 L: 2048 Lossless / Uncompressed



AZ ANALYTICS

A monthly report set up according to your needs

- Provides an overview of your entire activity
- Allows you to make clear decisions about your organisation

ANALYSE

UNDERSTAND

DECIDE





CLINICAL STUDIES

Scientifically validated performances

On average

96% sensibility / patient

86% specificity / patient

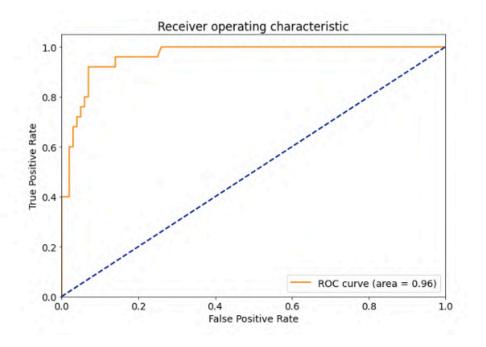




Cohort of 125 patients in emergency department



Presented at ECR 2020 European Congress of Radiology





CLINICAL STUDIES

Scientifically validated performances

On average

36% time saved

+20,6% sensibility / patient





1000 images

collected from 7 radiology centers (500 analyzed with Rayvolve and 500 analyzed without Rayvolve)



7 senior radiologists

have participated in the study



+ 8% specificity / patient



+ 7,2% AUC



PARTNERS

Personalized support at all stages of the software implementation

> 85

healthcare institutions partner (group of radiology centers, clinics, university hospitals)

AMONG OUR PARTNERS











« In practice, Rayvolve provides accurate fracture detection. The automatic classification in the RIS of the abnormal cases gives us a major advantage in our patient flow management. »

Dr. Gregory Lenczner – Partner Radiologist RPO President Drim France IA & Vice president FNMR

CONTACT US

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