# The power of networks: improving collaboration through technology

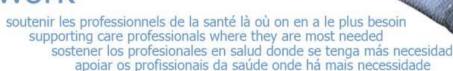
Prof. Antoine Geissbuhler, MD Geneva University and Hospitals Switzerland











### Telemedicine: move expertise, not people

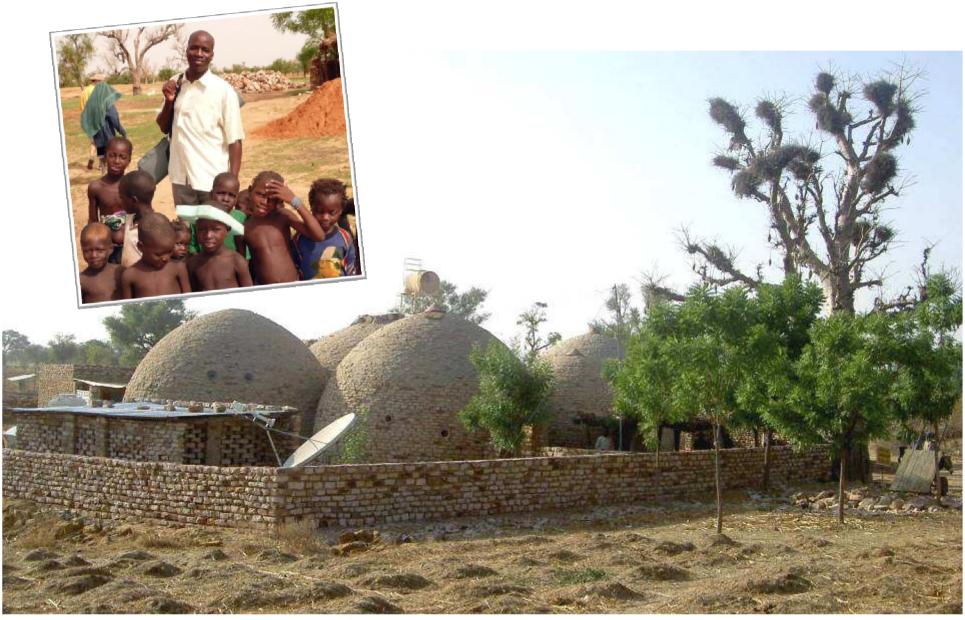
- Remote continuing medical education
- Remote help with diagnosis
- Remote help for choosing and monitoring treatments
- Remote supervision of specialized diagnostic devices
- De-isolation of care professionals active in medical deserts

... and keep them happy, motivated, well-trained, in their remote hospitals ...



## A remote hospital

800 km away from the capital 120 km away from the first Internet access 20 km away from telephone access





#### What we do:

- •Infrastructure development (internet connectivity, power supply...)
- Capacity building of care professionals
- Support for setting up reliable processes for telemedicine activities





Distance continuing education over slow connections:

- 700+ hours of e-courses (~12 hours per month)
- 85% of which are now produced in Africa
- on average, 20 different sites are connected for these courses (hundreds to 1000+ participants)
- courses are generally followed by 30 minutes of discussion involving all participants





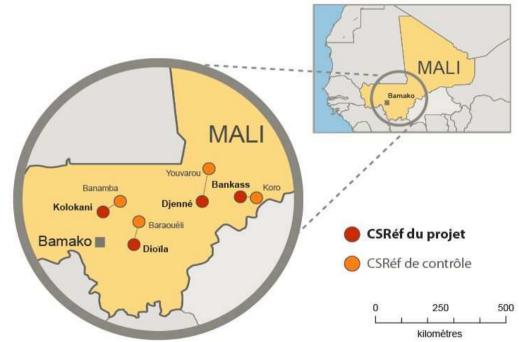
Use of diagnostic devices under remote supervision:



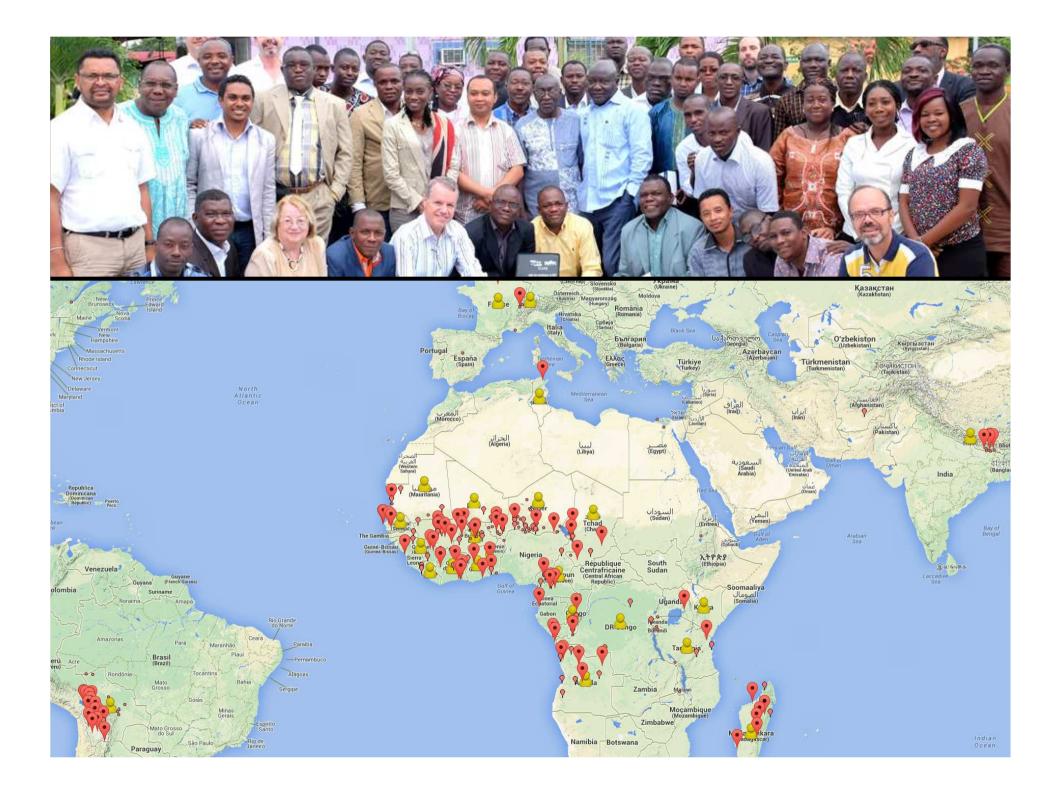


#### Impact evaluation:

- on clinical decisions
- on cost of care
- on human resources
- ... on health outcomes









Memorandum of Understanding between

2<sup>nd</sup> Chance Reconstructive Surgery for Life Reconstruction and

College of Surgeons of East, Central and Southern Africa

Concerning

The Provision of Surgical Training



Swiss Association 2nd Chance Reconstructive surgery for life reconstruction



PRISE EN CHARGE CHIRURGICALE
DES SÉQUELLES

ice e et nce faciale





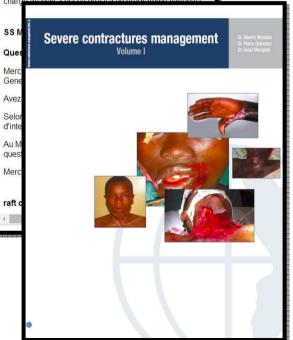
Question

Es ce l'immuno depression n'est pas un facteur favorisar maladie du noma

Dr Diabate Dioila - 30 Sep - 11:43

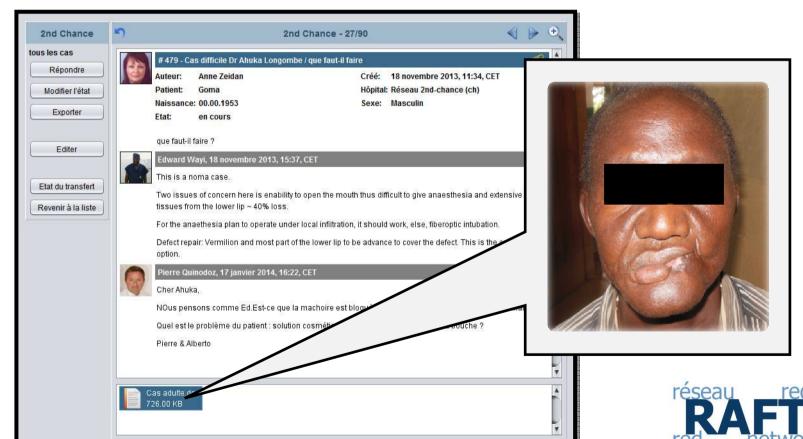
Prise en charge

Le noma étant une maladie "de pauvre", comment est or













# Thank you for your attention!

