

Diabetes & ICT



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Satellite view of diabetes

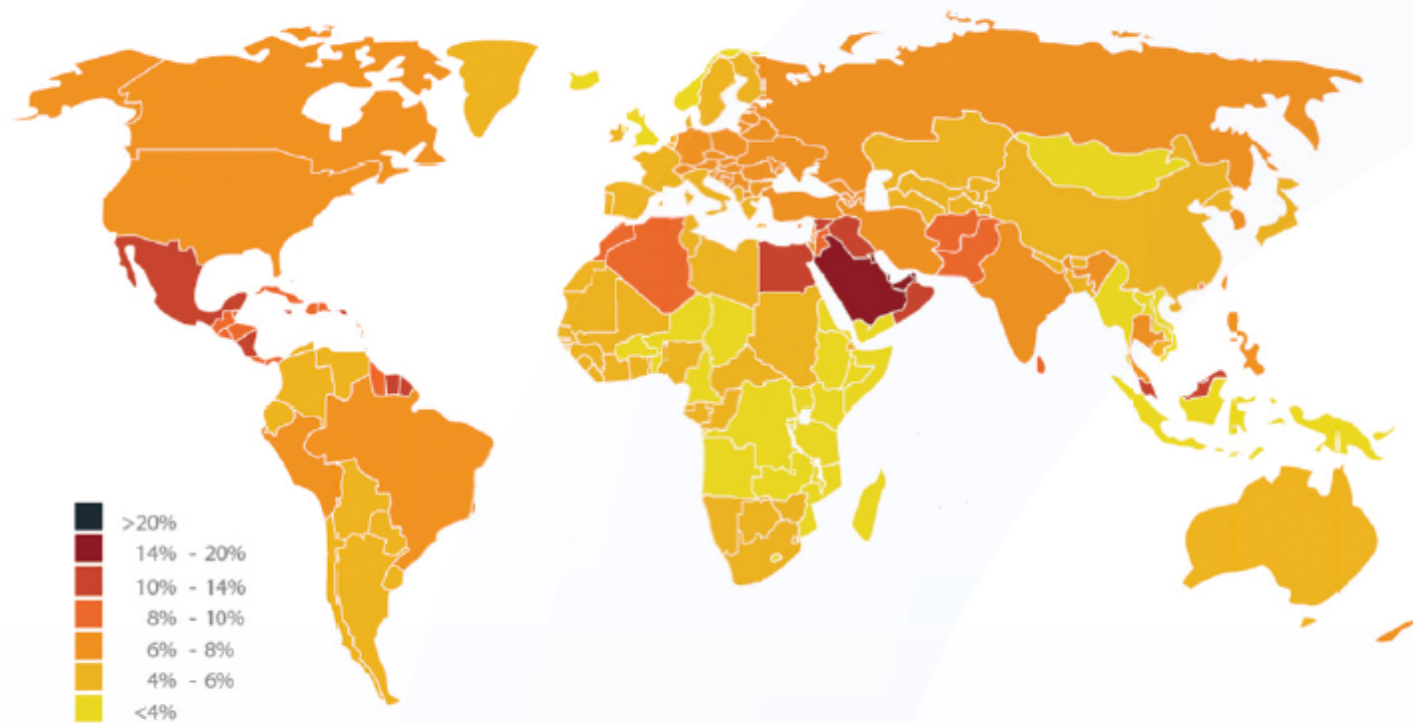


- 2007
- World adult population
4,1 (billions)
- Diabetes (millions)
246
- IGT (millions)
308
- 2025
- 5,2 (billions) adults
- Diabetes (millions)
380
- IGT (millions)
418



International Diabetes Federation

Prevalence estimates of diabetes, 2007



SOURCE: DIABETES ATLAS THIRD EDITION, © INTERNATIONAL DIABETES FEDERATION, 2006

Major problem



- 80% of diabetic patients are far away from qualified HCP

User expectation (WHO)



- Urgent need to give basic training on diabetes for primary care HP (UNFM pilot program supported by CNES & Alcatel)
- Connect hospitals for second opinion

Zoom, diabetes in Europe



- 2007
- 50 millions diabetics
- Major problem
- The cost of the disease
- 2025
- 65 millions
- The increasing financial burden on the healthcare system

Needs



- Second opinion for complex patients
- Algorithm for insulin adjustment
- Shared medical record

10% of diabetics
5 millions

- Therapeutic education and self-monitoring at home

100% of diabetics
50 millions

User expectation (payer)



- Individual coaching programs reaching diabetic patients in their daily environment tailored to at risk groups
(EDUCAD program supported by CNES, Meavita coaching program in the Netherlands)

Le Projet EDUCAD



EDUCation et Accompagnement de patients à Domicile

Meavita, coaching on TV



GP expectation (myself)



- TIC should do for me what
 - I don't like to do
 - I have no time to do
 - I am not trained to do
 - I am not payed to do

- Example : physical exercise counselling

Patient expectation



Good glycemic control

normal social life

easy access to medical advice when needed

easy access to validated information

TIC and ideal diabetes care



- Scientific knowledge & technology exist
- Who will invest ??
- Who will pay for the service ??
- Who will take the political decisions ??