

HEALTH
IN YOUR HANDS





Why do we exist

Usense stands for **facilitating early diagnosis of pathologies through urinalysis and predicting health condition evolutions**, with a special focus at chronic and silent pathologies



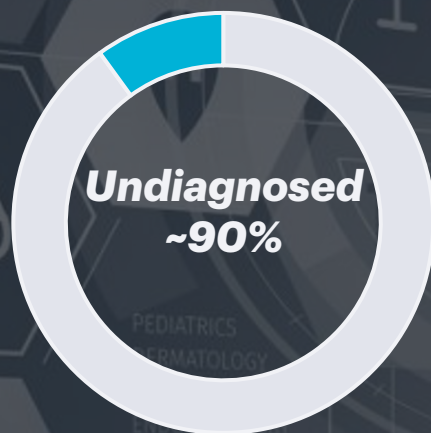


Usense addresses the problem of diagnostic and medical wavering

Focusing on “**Big, Harmful and Actionable**” pathologies... among many others

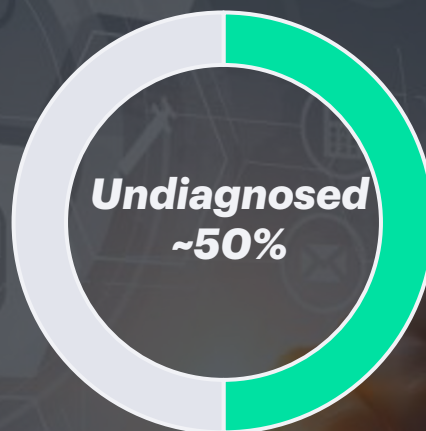
Chronic Kidney Disease

(WW prevalence: 11%-13%)



Type-2 Diabetes

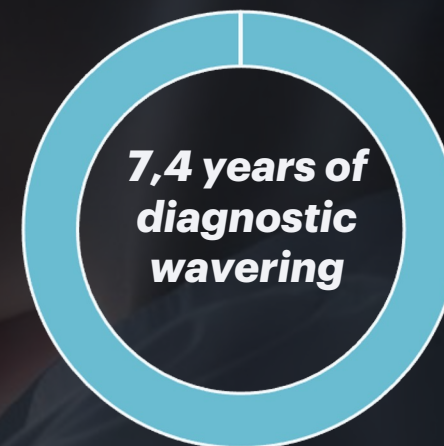
(WW prevalence : ~8.5%)



Genetic Disease

(i.e. porphyria)

(incidence: 1 / 75 000)



From “common” disease...

... to genetic disease



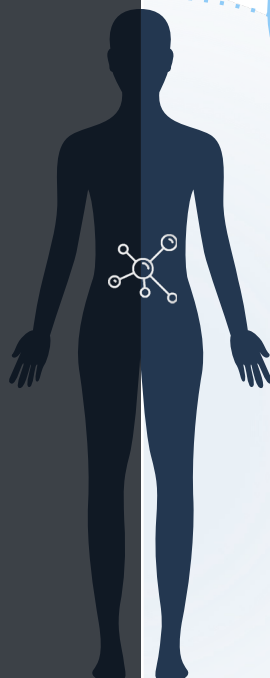
The 2030 Agenda for Sustainable Development recognizes Noncommunicable diseases (NCDs - also known as chronic diseases), as a major challenge for sustainable development.



Urine is the new norm

URINE IS A RICH MATRIX
WITH
+ 3 000 MOLECULES

With an extensive interest by
the scientific and medical
community



Biomarker of diseases

- Urinary Tract Infections
- Kidney stones
- Chronic Kidney Disease
- Acute Kidney Injuries
- Infections
- Pre-diabetes
- Brain disease
- Cancer (bladder, prostate, Etc.)



Biomarker of health

- Metabolism
- Fertility/Pregnancy



Biomarker of diet

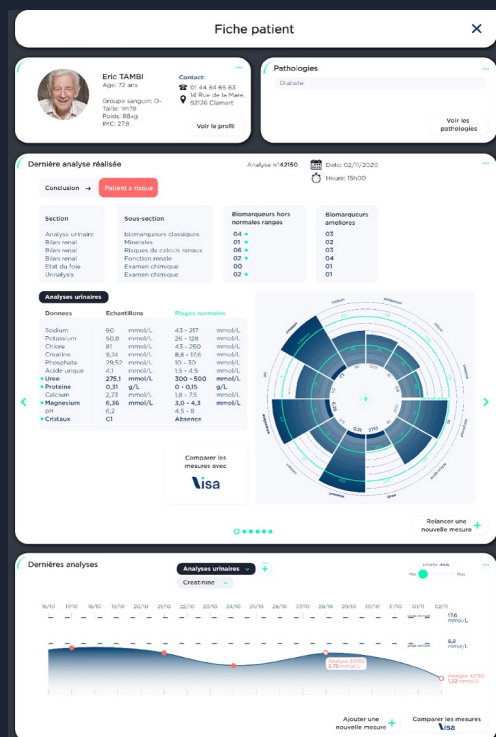
- Salt consumption
- Protein consumption
- Calcium consumption
- Hydration



Our innovative point of care device



Jimini - The first and only connected Point of Care solution
to assess multiple health parameters in few seconds



AI Algorithms



AI Assistant



Tablet App



Connected DMDIV





AN AUGMENTED DIAGNOSIS TOOL BASED ON AI

Paving the way for P-4 medicine



For Healthcare facilities

- Enable rapid and accurate analysis of urine samples before, during or after consultation



For Laboratories

- Optimize urine supply chain and install urine analysis where it needs to be performed



For Nursing homes

- Improve care and health follow-up for your residents



Targeted use cases

Genetic diseases
Infections
Nutrition & metabolism



And an expert and motivated team to lead the project

An experienced leadership team



Guillaume LEMETAIS (PhD.)
CEO



Jean-Christophe TIXIER
COO



Jonathan FRANKLIN
CFAO

An awesome R&D and operation team



Amir OUERIEMMI
Head of Science



Rémy WAHNOUN
Head of Data Science



Tuan Anh PAM
CTO



Maxime GIRAUD
Advanced Techno.



Alisa CHERNYSHEVA
Developer Full stack



Flore AUBEY
Technician



Alexis FENDER
Head of Growth & Operations



Julie DESCHAMPS
Head of Brand & Product



Thibault GANANCIA
Operations Manager



Loane WATRELOT
Junior product



Gatien PASCAUD
Mechanical & Ind. SM



A device co-developed with a prestigious strategic and scientific advisory board

Science & medicine

Med. Affairs

Technologies

Market Access



Pr. Ivan TACK

Nephrologist
Prof. at Rangueil Hospital

- **Head of the Dpt of Clinical Physiology in Rangueil hospital**
- **Chairman of the Dpt of Physiology at Paul Sabatier University – Toulouse School of Medicine**
- **Contributes to the development of French Health High Authority program**



Pr. Olle MELANDER

Cardiovascular/Hypertension
Prof. at Lund University

- **Professor of internal medicine at Lund University (Sweden)**
- **Author of more than 400 articles (h-index:67 - 30 000 citations)**
- **Peter Slight award (2010)**
- **Fernstrom award (2013)**
- **Göran Gustafsson prize of medicine (2016)**



Pr. Philippe D. BLAZY

Deputy Secretary General of U.N (United Nations)

- **United Nations Special Advisor on innovative financing for development**
- **Doctor in Cardiology and Professor at Harvard Medical School**
- **Health & Foreign affairs Minister (during 12y)**
- **Head of "Fondation Toulouse Cancer" and UNITAID**
- **Entrepreneur (LIFEN, with CRITEO Founder)**



Dr. Alain PLUQUET

Director of technologies & Innovation

- **VP, Director of technologies & Innovation at Institut Mérieux**
- **Former Executive VP, Chief Technology Officer and Chief Data Officer at bioMérieux**
- **Former Head of Technological Innovation at Commissariat à l'Energie Atomique (CEA)**
- **Expert in spectrometry and In Vitro diagnostics**



Antoine BAROUKY

VP and General Manager France

- **VP and General Manager at Alnylam Pharmaceuticals**
- **Former Head of rare diseases at Shire**
- **Former VP, General Manager France & Benelux at Cubist Pharmaceuticals**
- **Former Regional director Southern Europe & General Manager France at Allergan**
- **Former Senior VP, Business and Corporate Development at Stallergenes**

