





TO UNDERSTAND OUR FIRST CHALLENGE In licenced by EMOVI Co-ownership 2007-2010 Co-ownership 2007-201









| Competitors : "Indirect" | | | | | | |
|---------------------------|------------|----------------------------|--------------|-------|-------------------------|----|
| REQUIRED FEATURES | KneeKG | Gait lab (universities) | MRI | X-Ray | Laxity (KT- 1000) | |
| Clinically Accessible | V | No | V | | | |
| Accuracy | V | V | V | | No | |
| 3D data | | | \checkmark | No | No | Ì |
| Dynamic | V | V | No | No | No | |
| All planes of movement | Ø | | No | No | No | |
| Fast | ☑ 20min | No 3-6 hrs | V | | | |
| Low Cost | V | No | No | V | V | r. |

| SECOND CHALLENGE: SALES | | | | | | |
|---|---|--|--|--|--|--|
| | Orthopedic surgeons | Specialized Physicians (sport medicine, rheumatology) | Family Doctors | | | |
| Current practice | Function is estimated | Pain management oriented | Referals | | | |
| Why KneeKG | For surgical planning + post op follow ups | Alternative to pain management approach Allow multi-modalities | Optimise screening- | | | |
| Documented Benefits Harvard, Boston, Pitsburgh, British Columbia, Sydney and others | To consistently and accurately evaluate joint To quantify the impact of ligament injuries and surgical treatment For research: surgical techniques, choice/design of implants | To provide effective treatment To control/monitor progression of KneeOA To monitor impact of injury To prevent secondary injuries | Less expensive than MRI Optimise screening Optimise use of specialists Avoid trials and errors | | | |
| 4-6% increas 525% increas 400% increas | es/year overall in terms of known se of total knee replacements l se of knee injuries since 1999 | ee assessment by 2030 to continue increasing | | | | |











Key elements

- People
- Build trust
- Openness- Innovative approach
 - the LIO (Laboratoire d'imagerie et d'orthopédie of the ETS & CHUM research center) has went through the ISO process after our technology transfer, and
 -is now ISO:13485 LAB certified!
 - This will attract many companies who wish
 to market results of university research movi

