

# Alberta's Medical Devices & Technologies 2010



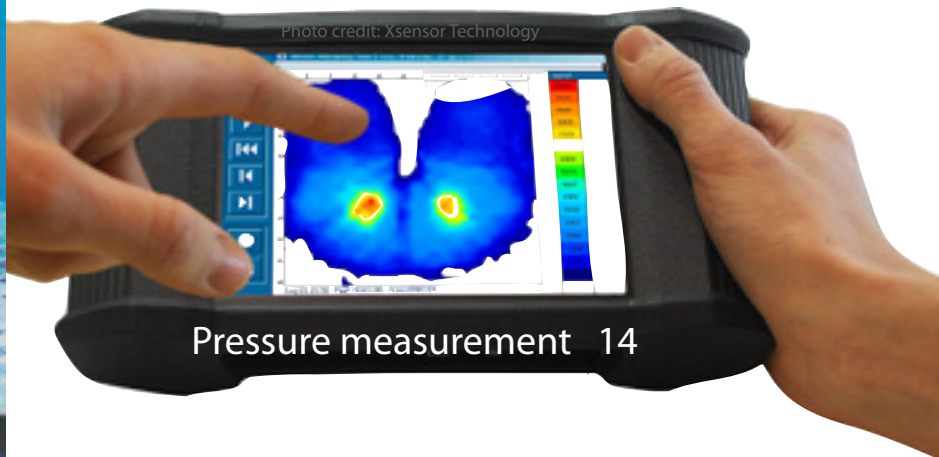
Bionic leg 23

Photo credit: Biomotion

## ANALYSIS

### 6 Industry Analysis

Alberta's fast-growing medical devices and technologies industry had annual revenue of over \$195 million in 2008 produced by 93 companies with 1,632 direct employees. Its revenue is expected to grow 20% in 2009 to \$235 million.



Pressure measurement 14

## SUPPORT

### 64 Research & Development Support

- Health research centres & institutes, 64
- University of Alberta, 68
- University of Calgary, 70
- NRC National Institute for Nanotechnology (NINT), 70
- Alberta Ingenuity Centre for Biomedical Technologies, 73
- Industry support & funding programs, 74
- Nanotechnology & MEMS product development support, 75

### Do you snore? 21



Photo credit: Lynne Lancaster



Culture 39

Photo credit: Vista Technology



Photo credit: Innovative Ne...rthics

Drop foot 24

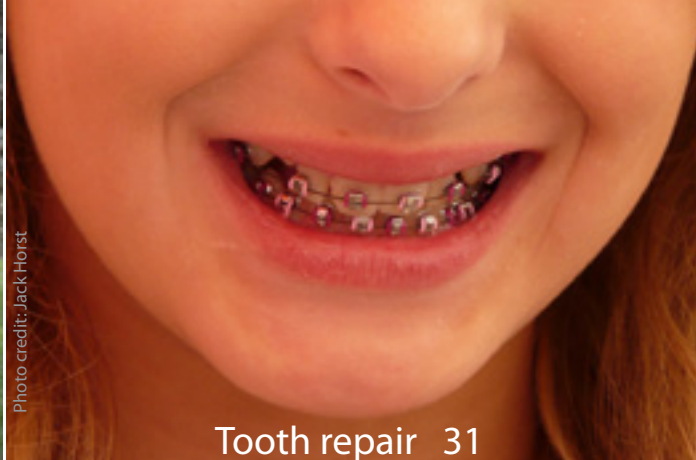


Photo credit: Jack Horst

Tooth repair 31

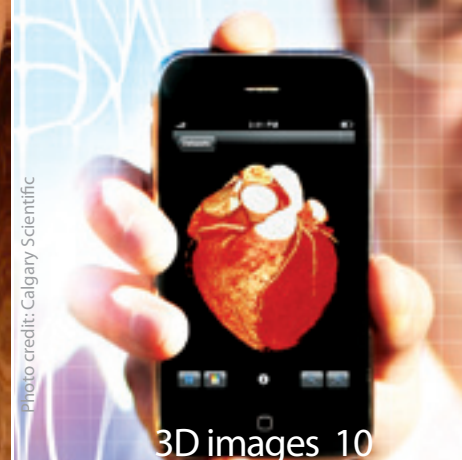


Photo credit: Calgary Scientific

3D images 10

# COMPANIES

## 8 Canada's Alberta-based Medical Devices & Technologies Companies

### MEDICAL IMAGING 8

- Calgary Scientific, 10
- Circle Cardiovascular Imaging, 12
- Clynch Technologies, 12
- Imaging Dynamics (IDC), 9
- Innervision Medical, 13
- Kent Imaging, 8
- Xsensor Technology, 14

### DIAGNOSTICS 13

- Biolithic, 13
- Chenomx, 16
- Driveable Assessment Centres, 16
- Dycor Technologies, 17
- Dynastream Innovations, 17
- Health Screen, 18
- Innovotech, 18
- Isodiagnostika, 19
- Metabolistics, 19
- Neurosilicon, 20
- PBR Laboratories, 20
- Picomole Instruments, 21
- SagaTech, 21
- SciMed Technologies, 22

### ASSISTIVE/REHABILITATION DEVICES 22

- Adaptive Engineering, 22
- Alzheimer's Innovation Institute, 23
- Biomech Engineering, 23
- Biomotion, 24
- Braceworks Custom Orthotics, 25
- Chestmaster, 25
- Clearwater Clinical, 28
- Deltabalance, 28
- Fitter International, 29
- The Knee Centre/Karl Hagar, 26
- Lethbridge Orthotic-Prosthetic, 29
- Madentec, 30
- Medical Bionics, 30
- Rehabtronics, 31
- SmileSonica, 31

Steenwyk Custom Shoes & Orthotics, 32

### MEDICAL/SURGICAL SUPPLIES 32

- Associated Health Systems, 32
- Brightway Enterprise, 33
- Cleankeys, 34
- Dri-Line Products, 33
- Flexcorp, 35
- MSD Lens, 35
- NeuroArm Surgical, 36
- NovaPura, 36
- Progressive Optical Research, 37
- RadTag Technologies, 37
- Script Innovations, 38
- Tenet Medical Engineering, 40
- Viscon Contact Lens Manufacturing, 38
- Vista Technology, 39

### PERSONAL PROTECTIVE EQUIPMENT & WOUND CARE 39

- Alberta Nanometals, 39
- Classic Health Supplies, 42
- Exciton Technologies, 42
- Nucryst Pharmaceuticals, 43
- Primed Medical, 44

### INFORMATICS 43

- Clinicare, 43

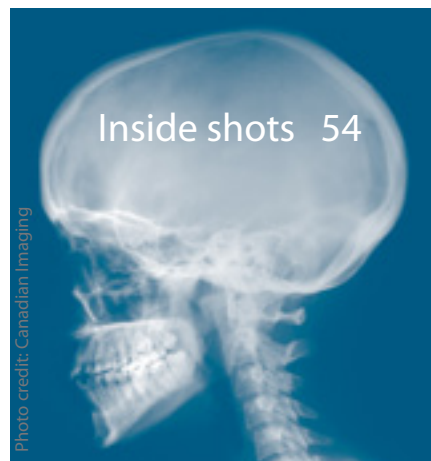


Photo credit: Canadian Imaging

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- Clinitrust, 46
- Commerx, 46
- Curve Technologies, 47
- Cybernius Medical, 47
- EMIS, 48
- Haemonetics Software Solutions, 48
- Ormed Information Systems, 49
- Redengine Health, 49
- TSI Medical, 50

### OTHER DEVICES & TECHNOLOGIES 50

- Electronic Dietary Foods, 50
- IntelligentNano, 51
- LiteBook, 51
- Mind Alive, 52
- Q-Chuck Technologies, 52
- Thermotex Therapy Systems, 53

### INDUSTRY SUPPORT 53

- Biomedical Inspection Services, 53
- Canadian Imaging, 54
- Contract Clinical, 54
- Contract Laboratory, 55
- CQI Consulting, 55
- Firetec Health & Safety, 56
- Global IQ, 56
- Global Regulatory, 57
- GlycAlta Chemicals & Technical Services, 57
- John Simon & Associates, 58
- Keystone Labs, 58
- Lambert Radiation Shielding, 59
- Mountain Integrated Medical Devices, 59
- Saf-T-Pak, 60

### PRODUCT DESIGN 60

- Astsinteg, 60
- CBF Systems, 61
- Deltatee Enterprises, 61
- Matter Industrial Design, 62
- Micralyne, 62
- Tyler Research, 63
- Xanantec Technologies, 63