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Single exposure Dual Energy Subtraction X-ray device for image guided therapy	KA Imaging	Waterloo	ON	$ 521,977.60	$ 125,000.00
	Sunnybrook Research Institute	Toronto	ON		
Neuronavigation of Low Intensity Focused Ultrasound for Neuromodulation	University of Calgary	Calgary	AB	$ 473,597.50	$ 125,000.00
	Recherches Rogue, Les / Rogue Research Inc.	Montreal	QC		
Computer vision based surgical planning tools for craniomaxillofacial (CMF) restoration.	Sunnybrook Research Institute	Toronto	ON	$ 316,615.50	$ 107,273.84
	Calavera Surgical Design Inc.	Toronto	ON		
Artificial Intelligence and a Wearable Carotid Doppler Patch: predicting cardiovascular function and response to therapy in congestive heart failure	Flosonics Medical	Sudbury	ON	$ 577,500.26	$ 125,000.00
	Sunnybrook Research Institute	Toronto	ON		
Development of accelerated cardiac magnetic resonance technology and discovery of novel imaging biomarkers to improve outcomes in heart failure	Sunnybrook Research Insititue	Toronto	ON	$ 346,218.63	$ 115,545.79
	Cohesic Inc.	Calgary	AB		
A.I. Reconstructed Rapid Screening Exams using Synaptive Medical's Novel 0.5-T Point-of-Care Neuro-MRI.	Nova Scotia Health Authority	Halifax	NS	$ 609,996.36	$ 127,386.97
	Synaptive Medical Inc.	Toronto	ON		
Development of an Ultrafast Ultrasound Platform for Endoscopic Image Guided Surgery	Nova Scotia Health Authority	Halifax	NS	$ 442,988.75	$ 126,145.14
	Daxsonics Ultrasound Inc.	Halifax	NS		
	Synaptive Medical Inc.	Toronto	ON		
Image guided therapy powered by virtual reality and artificial intelligence	Luxsonic Technologies Inc.	Saskatoon	SK	$ 365,887.50	$ 125,000.00
Artificial Intelligence-Enhanced Focused Ultrasound Therapy	Sunnybrook Research Institute	Toronto	ON	$ 441,247.38	$ 125,000.00
	Arrayus Technologies Inc.	Burlington	ON		
Multiparametric Microultrasound Imaging of the Prostate	Sunnybrook Research Institute	Toronto	ON	$ 403,969.39	$ 127,772.75
	Exact Imaging Inc.	Markham	ON		
	University of British Columbia	Vancouver	BC		
Artificial intelligence applied to planning, clinical diagnostics and stability assessment in spine stereotactic body radiation therapy (SBRT)	Sunnybrook Research Institute	Toronto	ON	$ 433,275.60	$ 125,000.00
	Altis Labs, Inc.	Toronto	ON		
Prognosis in Stroke and Neurodegeneration with Automated Imaging analysis (PROSAIL).	Sunnybrook Research Institute	Toronto	ON	$ 348,355.42	$ 125,000.00
	True Positive Medical Devices Inc.	Québec	QC		
Integrating machine learning and artificial intelligence into a focused ultrasound research platform for longitudinal studies in drug delivery and neuromodulation.	University of Calgary	Calgary	AB	$ 296,653.85	$ 95,406.94
	FUS Instruments	Toronto	ON		
A clinical, academic and industrial partnership for developing and commercializing high impact AI algorithms in digital pathology.	Sunnybrook Research Institute	Toronto	ON	$ 389,073.30	$ 126,886.14
	Pathcore Inc.	Toronto	ON		
	Ryerson University	Toronto	ON		
Magnetic Resonance Imaging for Arrhythmia Management	Sunnybrook Research Institute	Toronto	ON	$ 384,889.38	$ 125,051.50
	Percept Imaging Inc.	Toronto	ON		
Image-Guided Breast Biopsy with Simultaneous PET and Ultrasound Imaging	Radialis Inc.	Thunder Bay	ON	$ 582,093.19	$ 128,989.00

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	Thunder Bay Regional Health Research Institute	Thunder Bay	ON		
Intravascular and intracardiac imaging technologies with automated measurements and tissue characterization	Sunnybrook Research Institute	Toronto	ON	$ 375,557.50	$ 125,733.65
	Conavi Medical Inc.	Toronto	ON		
Intelligent noise suppression for intraoperative ultrasound and point-of-care MR imaging	Sunnybrook Research Institute	Toronto	ON	$ 420,588.83	$ 125,659.23
	Conavi Medical Inc.	Toronto	ON		
	Synaptive Medical Inc.	Toronto	ON		
CNN applications in Super Resolution Acoustic Angiography	Sunnybrook Research Institute	Toronto	ON	$ 406,765.63	$ 125,000.00
	FUJIFILM VisualSonics Inc.	Toronto	ON		
Quantitative Ultrasound Platform/Sonotype	Sunnybrook Research Institute	Toronto	ON	$ 417,923.75	$ 125,000.00
	GJ Czarnota Medicine Professional Corp.	Oakville	ON		
	Precision Cancer Technologies Inc.	Toronto	ON		
Forward-Looking Intravascular Ultrasound For Image-Guided Revascularization.	Ryerson University	Toronto	ON	$ 469,566.45	$ 125,786.50
	Magellan Biomedical	Scarborough	ON		
	Sunnybrook Research Institute	Toronto	ON		
OSNAT 800- prototype development (Retinal imaging, laser eye surgery and machine learning diagnostic assist)	PulseMedica Corp.	Edmonton	AB	$ 767,224.58	$ 125,011.33
	Matthew Tennant Professional Corporation	Edmonton	AB		
Development of an Image Guided Algorithm to Predict the Risk of Aortic Aneurysm Growth Based on ECG Gated CT Images	ViTAA Medical Solutions	Montreal	QC	$ 638,278.74	$ 125,000.00
Electrical Impedence Tomography (EIT) System for Image-Guided Outpatient Therapy for Chronic Obstructive Pulmonary Disease (COPD)	Tidal Medical Inc.	North York	ON	$ 611,250.00	$ 125,000.00
	Carleton University	Ottawa	ON		
Development of AI directed ablative devices for the treatment of sub-solid lung nodules with CT guided microwave energy.	Quicker Instruments Inc.	Richmond	BC	$ 304,366.56	$ 83,183.00
	Vancouver Radiology Inc. (operating as Vancouver Imaging)	Vancouver	BC		
AI-Based Determination of Radiomic Features from Preclinical PET/MR Images to Guide Immunotherapy Decisions in Ovarian Cancer Clinical Trials.	IWK Health Centre	Halifax	NS	$ 348,462.79	$ 112,753.80
	Dalhousie University	Halifax	NS		
	IMV Inc.	Dartmouth	NS		
MR-guided laser interstitial thermal therapy in the brain by AI-based modelling of laser tissue interaction and heat propagation in clinical MRI data.	Hospital for Sick Children	Toronto	ON	$ 436,871.28	$ 124,999.67
	Monteris Medical Inc.	Winnipeg	MB		
	University Health Network	Toronto	ON		
	Governing Council of the University of Toronto	Toronto	ON		
StrokeSENS: Rapid image-guided remote decision-making for patients with acute ischemic stroke.	University of Calgary	Calgary	AB	$ 643,610.00	$ 125,000.00

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	Circle Cardiovascular Imaging Inc.	Calgary	AB		
Early Diagnosis of Cranial Disorders in Infants using Digital Imaging and Machine Learning	Lumentra Inc.	Mississauga	ON	$ 343,376.20	$ 125,000.00
	Governing Council of the University of Toronto	Toronto	ON		
Image registration and fusion for coronary angiography-derived index of vascular resistance	Opsens	Québec City	QC	$ 375,450.40	$ 125,000.00
Democratizing ultrasound guided therapy for congestive heart failure	Presuna Inc.	Coleman	AB	$ 375,833.34	$ 125,000.00
Combination of optical imaging and deep learning for better seizure localization to improve epilepsy surgical and Deep Brain Stimulation Therapies.	Neurescence Inc.	Toronto	ON	$ 578,912.50	$ 125,000.00
	Carleton University	Ottawa	ON		
Monitoring foot health from the palm of your hand.	MIMOSA Diagnostics	Toronto	ON	$ 570,492.50	$ 125,000.00
	The Mayer Institute	Hamilton	ON		
Post-surgical monitoring of arthroplasty components using deep-learning based CT reconstruction	The University of Western Ontario	London	ON	$ 375,442.00	$ 125,000.00
	Canon Medical Systems Canada Limited	Markham	ON		
Controlling catheter contact force intelligently	Aufero Medical Technologies Inc.	London	ON	$ 389,285.98	$ 125,000.00
	The University of Western Ontario	London	ON		
Integration of AI tools into 3D ultrasound-guided prostate biopsy	Focal Healthcare Inc.	Toronto	ON	$ 488,318.97	$ 125,000.00
	The University of Western Ontario	London	ON		
Enhancing Spinal Cord DTI Tractography using Deep Learning	Sunnybrook Research Institute	Toronto	ON	$ 389,549.55	$ 125,246.50
	Luxsonic Technologies Inc.	Saskatoon	SK		
	Synaptive Medical Inc.	Toronto	ON		
	University of Waterloo	Waterloo	ON		
An AI-based software to enable early and opportunistic screening for osteoporosis from conventional x-ray.	16 Bit Inc.	Ancaster	ON	$ 700,526.67	$ 125,245.50
	Sectra Canada	Mississauga	ON		
Enhanced capabilities for magnetic navigation with X-ray fluoroscopy	The University of Western Ontario	London	ON	$ 184,608.50	$ 61,530.49
	Northern Digital Inc.	Waterloo	ON		
AutoDentalPlan	ClaroNav	Toronto	ON	$ 349,191.76	$ 114,765.98
Integrating AI and IGT in a surgical robot for spinal pain management	Libang Surgical Technologies Inc.	Vancouver	BC	$ 375,738.31	$ 125,000.00
	Vancouver Radiology Inc. (operating as Vancouver Imaging)	Vancouver	BC		
Product development & clinical validation of IRegained Myhand™ System: A novel hand function rehabilitation system for persons with stroke.	IRegained Inc.	Sudbury	ON	$ 383,493.42	$ 124,999.99
	Baycrest Health Sciences	Toronto	ON		
Automated prognostication and pulmonary function quantification from pretreatment computed tomography imaging of early-stage lung cancer patients	Altis Labs, Inc.	Toronto	ON	$ 388,601.62	$ 125,000.00

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	University Health Network	Toronto	ON		
Image-guided personalized therapy platform for pelvic floor disorders combining proprietary and novel 3D ultrasound, AI and adaptive manufacturing	Cosm Medical Corp.	Toronto	ON	$ 1,008,036.63	$ 122,500.00
	The University of Western Ontario	London	ON		
Development of a deep learning-based prostate MRI model for commercial radiation therapy autosegmentation software.	Limbus AI Inc.	Regina	SK	$ 341,408.48	$ 115,885.37
	Nova Scotia Health Authority	Halifax	NS		
Liver Tissue Segmentation and Shear Wave Quality Assissment in Ultrasound Elastography.	Sonic Incytes Medical Corp.	Vancouver	BC	$ 422,334.37	$ 125,000.00
Improving Stroke Detection and Diagnosis with AI enhanced Simple Perfusion Reconstruction Algorithm (SPIRAL)	Andromeda Medical Imaging Inc.	Calgary	AB	$ 431,049.57	$ 126,298.45
	University of Calgary	Calgary	AB		
ML enabled Imaging, Classification and Treatment of Symptomatic Vitreous Opacities and other vitreoretinal conditions	PulseMedica Corp	Edmonton	AB	$ 5,993,100.02	$ 1,997,700.02
	Matthew Tennant Professional Corporation	Edmonton	AB		
Expanding StrokeSENS - AI tools for rapid image interpretation for decision-making for patients with acute ischemic stroke	Circle Cardiovascular Imaging Inc.	Calgary	AB	$ 5,969,824.38	$ 1,989,941.46
	University of Calgary	Calgary	AB		
Development of AI Based Image Guided Software to Predict Aneurysm Growth Risk	ViTAA Medical Solutions	Montreal	QC	$ 5,999,958.75	$ 1,999,986.25
	University of Calgary	Calgary	AB		
Advanced MR Neuroimaging Acquisition & Reconstruction at 0.5 T: Product Development and Clinical Validation for use in Image Guided Therapy	Synaptive Medical Inc.	Toronto	ON	$ 4,262,077.47	$ 1,420,692.49
	Nova Scotia Health Authority	Halifax	NS		
Development of Dual Frequency Ultrasound Technology for Preclinical and Clinical Applications	Fuijifilm VisualSonics Inc.	Toronto	ON	$ 4,197,358.07	$ 1,399,119.36
	Sunnybrook Research Institute	Toronto	ON		
Artificial intelligence platform to guide ultrasound of the liver	Sonic Incytes Medical Corp.	Vancouver	BC	$ 3,564,887.58	$ 1,188,295.86
	NVV Software Solutions Inc	Richmond	BC		
Development of an Ultrafast Ultrasound Platform for Endoscopic Image Guided Surgery	Daxsonics Ultrasound Inc.	Halifax	NS	$ 3,509,387.50	$ 1,169,795.84
	Dalhousie University	Halifax	NS		
	Nova Scotia Health Authority	Halifax	NS		
	Synaptive Medical Inc.	Toronto	ON		
Rho™: An AI-based software to enable early and opportunistic screening for osteoporosis from conventional x-ray	16 Bit Inc.	Ancaster	ON	$ 5,969,412.50	$ 1,989,804.17
	Canadian Association of Radiologists	Ottawa	ON		
	Osteoporosis Canada	Toronto	ON		
	University of Northern British Columbia	Prince George	BC		
	True North Imaging	Thornhill	ON		
Artificial Intelligence-Enhanced Focused Ultrasound Therapy	Arrayus Technologies Inc.	Burlington	ON	$ 5,402,371.39	$ 1,800,790.47
	Sunnybrook Research Institute	Toronto	ON		

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Intelligent image segmentation, registration, and 3-dimensional visualization in a unified virtual reality workflow for image guided therapy	Luxsonic Technologies Inc.	Saskatoon	SK	$ 3,298,562.50	$ 1,099,520.83
	Voronoi Health Analytics	Vancouver	BC		
	Sunnybrook Research Insititue	Toronto	ON		
	Memorial University of Newfoundland	St. John's	NL		
AI Solutions for Minimally Invasive Imaging Systems	Conavi Medical Inc.	Toronto	ON	$ 5,999,538.71	$ 1,999,846.23
	Sunnybrook Research Insititue	Toronto	ON		
R&D to Commercialization of a Digital Gynecology Platform for Personal Pelvic Health: IGT, AI and 3D Printing at the intersection of FemTech & AgeTech	Cosm Medical	Toronto	ON	$ 5,617,753.05	$ 1,872,584.35
	University of Western Ontario	London	ON		
Improving cardiovascular outcomes in diabetics using AI-driven therapy recommendations at time of cardiovascular imaging	Cohesic Inc.	Calgary	AB	$ 2,052,912.50	$ 684,304.16
	The Governors of the University of Calgary	Calgary	AB		
	Sunnybrook Research Institute	Toronto	ON		
Fully-Automated Prognostic Imaging Biomarkers in Advanced Solid Tumors using Deep Learning	Altis Labs, Inc.	Toronto	ON	$ 5,993,759.78	$ 1,997,919.94
	University Health Network	Toronto	ON		
	Trillium Health Partners	Mississauga	ON		
	University of Calgary	Calgary	AB		
	Sunnybrook Research Institute	Toronto	ON		
	BC Cancer	Vancouver	BC		
	Bayer Inc.	Mississauga	ON		
	SapienML	Vancouver	BC		
LoTUS: Localising Tumours with UltraSound	MOLLI Surgical Inc.	Toronto	ON	$ 476,160.32	$ 124,995.61
	Sonele Inc.	Markham	ON		
AI Tools for the Workflow, Diagnosis, and Treatment Assessment of Pulmonary Embolism on Ventilation-Perfusion Scintigraphic Imaging	Jubilant DraxImage, Inc. (dba.Jubilant Radiopharma, RadioPharmaceuticals Division)	Kirkland	QC	$ 376,975.63	$ 125,000.00
	The Ottawa Hospital Research Instit	Ottawa	ON		
Focused Ultrasound to Treat Sudden Vision Loss from Intraocular Haemorrhage: Development of a Computer-vision based Imaging System to Guide Therapy.	Vitreosonic Inc.	North York	ON	$ 380,000.00	$ 124,707.12
	Sunnybrook Research Insititue	Toronto	ON		
Image-guided Needle Visualization Enhancement for a Touchless Ultrasound Display Device (INVETU-D2)	NZ Technologies Inc.	Vancouver	BC	$ 377,256.09	$ 124,473.72
	Kinetix Medicine	Vancouver	BC		
Artificial intelligence-based image analysis algorithm to guide anti-HER2 targeted therapy in gastric and breast cancer	Sunnybrook Research Insititue	Toronto	ON	$ 302,553.75	$ 100,388.25
	University of Toronto	Toronto	ON		
	Huron Digital Pathology	St. Jacobs	ON		
Pedal Doppler Ultrasound: System Development and AI integration	Moonrise Medical, Inc.	Oakville	ON	$ 372,835.00	$ 124,269.74
	Daxsonics Ultrasound Inc.	Halifax	NS		

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OnX-Dx: Advancing Early Intervention with Virtual Biopsy via Ultrasound Tissue Characterization and AI	Oncoustics	Toronto	ON	$ 460,130.00	$ 115,032.50
	University Health Network	Toronto	ON		
AI Noise Suppression for Interventional MRI	University Health Network	Toronto	ON	$ 361,902.50	$ 120,524.06
	Synaptive Medical Inc.	Toronto	ON		
Real-time prostate motion tracking during an MR-guided TULSA-PRO procedure	Profound Medical	Mississauga	ON	$ 317,105.98	$ 100,139.81
	McMaster University	Hamilton	ON		
Quickly and accurately diagnosing brain cancer in real time during surgery with AI driven molecular imaging	Point Surgical Inc.	Toronto	ON	$ 315,862.50	$ 100,526.25
	Unity Health Toronto	Toronto	ON		
Development of a user-friendly video image-based eye-tracking system to collect data for an AI-based disease classifier for clinical use	Dynamiris Inc.	Kingston	ON	$ 346,127.50	$ 115,361.95
	Queen's University	Kingston	ON		
Novel platform technology that uses robotics, ultrasound imaging, and AI/ML to automate the manual lymph node search process in excised cancer tissues	Tenomix Inc.	London	ON	$ 831,533.55	$ 124,995.24
	University of Western Ontario	London	ON		
Machine learning-driven peptide design for image-guided therapy	ProteinQure Inc.	Toronto	ON	$ 606,722.96	$ 125,000.00
	University Health Network	Toronto	ON		
First Fresh Bulk Tissue Imaging with Smart Staining for Rapid Intraoperative Breast Cancer Margin Assessment	illumiSonics, Inc.	Waterloo	ON	$ 356,001.40	$ 117,431.16
	University of Waterloo	Waterloo	ON		