

List of third round INOVAIT Pilot Fund projects - June 2023

Project Title / Titre du projet	Collaborators / Collaborateurs	City / Ville	Province	Total Eligible Supported Costs / Total des coûts admissibles pris en charge	INOVAIT Contribution / Contribution INOVAIT
LoTUS: Localising Tumours with UltraSound	MOLLI Surgical	Toronto	ON	\$458,710.32	\$124,997.90
	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)	Kirkland	QC	\$546,357.10	\$125,000.00
	The Ottawa Hospital Research Institute	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.	Toronto	ON	\$384,475.00	\$124,708.50
	Sunnybrook Research Institute	Toronto	ON		
Imagine-guided Needle Visualization Enhancement for a Touchless Ultrasound Display Device (INVETU-D2)	NZ Technologies Inc.	Vancouver	BC	\$384,689.84	\$124,987.77
	Kinetix Medicine	Vancouver	BC		
Artificial Intelligence-based image analysis algorithm to guide anti-HER2 targeted therapy in gastric and breast cancer	Sunnybrook Research Institute	Toronto	ON	\$305,800.00	\$101,866.00
	University of Toronto	Toronto	ON		
	Huron Digital Pathology	St. Jacobs	ON		
Pedal Doppler Ultrasound: System Development and AI Integration	Moonrise Medical Inc.	Oakville	ON	\$374,485.00	\$124,716.94
	Daxsonics Ultrasound Inc.	Halifax	NS		
OnX-Dx: Advancing Early Intervention with Virtual Biopsy via Ultrasound Tissue Characterization and AI	Oncoustics	Toronto	ON	\$460,130.00	\$115,032.50
	Nanji Professional Corporation (dba. C-Era, C-Health)	Edmonton	AB		
AI Noise Suppression for Interventional MRI	University Health Network	Toronto	ON	\$381,740.63	\$125,000.00
	Synaptive Medical Inc.	Toronto	ON		
Real-time prostate motion tracking during an MR-guided TULSA-PRO procedure	Profound Medical Inc.	Mississauga	ON	\$300,663.10	\$100,147.32
	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	\$115,364.30
	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	\$994,095.88	\$124,990.80
	University of Western Ontario	London	ON		
Machine learning-driven peptide design for image-guided therapy	ProteinQure Inc.	Toronto	ON	\$786,669.65	\$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		