BioProtonics

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Unlike trauma

disease happens quietly

@ the microscopic level

The urgent unmet need in healthcare is measuring these changes <u>non-invasively</u> BioProtonics has developed Technology to make those measurements in any MRI Scanner

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Histology Without Biopsy

IN ANY ORGAN

Alzheimer's to cancer DIAGNOSIS/MONITORING, DRUG DEVELOPMENT, HEALTHCARE/WELLNESS

John V. Crues M.D. Board Member and Medical Director RadNet

"The extremely low-cost of implementation, combined with the almost negligible input in time and effort for data acquisition, **make it a win-win for clinical practice**."

Prof. Garry Gold, M.D. , M.S. Acting Chairman Radiology Stanford University

"...by definition a game-changer in diagnostics."

Our Mission

Strategic: Establish paradigm-changing partnerships in healthcare with – Diagnostic Imaging, Pharma, and Big Data in Medicine

<u>Tactical:</u> Develop diagnostic applications of MRµT – initially in Prostate Cancer and Neurodegenerative disease (AD)



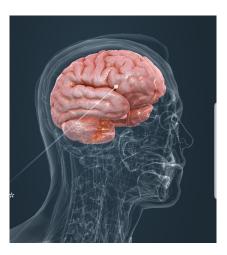
Tactical: **MR-Histology** Enables Dramatically improved Diagnostic Power For All MRI Scanners

MRµT (MR micro-Texture)

Reduced use of biopsy:



Previously Unavailable Diagnostic insight :







Strategic: MR-Histology (MRµT) Enables

Novel New MR Devices New Use Cases for MRI

Making Preventive Care and Precision Medicine Accessible

Enhance expanding reach of MRI



2021 – Q1 Solid Foundation: **IP** Technology Collaborators Alliances

Negotiating alliances for <u>Clinical Prototype</u>



COURTESY: PHILIP

Looking for Ideal Partnerships

Future of Healthcare

Big Data in Medicine Insurers (Employers) Pharma Diagnostic Imaging





Magnetic Resonance in Medicine

MRM Manuscript



Magnetic Resonance method for measuring microscopic histologic soft tissue textures

Journal:	Magnetic Resonance in Medicine
Manuscript ID	MRM-20-21492.R1
Wiley - Manuscript type:	Full Paper
Date Submitted by the Author:	n/a
Complete List of Authors:	Sonn, Geoffrey; Stanford University School of Medicine Fan, Richard; Stanford University School of Medicine Kunder, Christian ; Stanford University School of Medicine, Pathology Gold, Garry; Stanford University School of Medicine, Radiology James, Kristin; BioProtonics, Inc., Kristin James Parker, Ian ; Samsung Research America Carlson, Jean; University of California Santa Barbara, Physics James, Timothy; BioProtonics Inc
Research Type:	MR Microscopy < Technique Development
Research Focus:	Pathology < Anatomy < Other tissues (body fluids, skin, vessels, arteries, other organs, etc)

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