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We are dedicated to offering the
MRI Technologists a simple and
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ANY QUESTIONS

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761 Moss Side Drive
Bethlehem, Georgia 30620-2576

**ATTENTION:
MRI DEPARTMENT**

Target audience:
New MRI Techs & X-Ray Techs
www.MRIreview.com
Presents



**WM. (Bill) FAULKNER
Basic Principles
Of MRI**

June 07, 2008

**Saturday 8am-4pm
EMORY UNIVERISTY
HOSPITAL**

**1364 Clifton Road
Atlanta, Ga. 30322**

2nd floor Auditorium

Limited Seating RSVP

WILLIAM FAULKNER,BSR.T.(R)(MR)(CT)

Bill Faulkner is currently working as an independent consultant with his own company, providing MRI education and operations consulting. He teaches a 4-day Basic MR Registry Review course in Chattanooga Imaging, a freestanding imaging center in cooperation with Chattanooga Imaging where he also serves as their Director of Education. He is also works with Candi Roth www.imaginged.com Imaging Education Assoc, Inc., which also provides MRI education including Internet based home study & video programs. Bill is the author of "Rad Techs Guide to MRI: Basic Physics, Instrumentation and Quality Control ".He is the co-author of "Review Questions for MRI", and a contributing author for "MRI for Technologists"," Handbook for MRI", and "OPEN MRI". Bill approach to this seminar is always entertaining and informative.

COURSE OBJECTIVE THIS COURSE IS DESIGN TO HELP THE NEW MRI TECHNOLOGIST AND DIAGNOSTIC TECHNOLOGISTS LEARN THE BASICS OF MRI. BILL FAULKNER WILL INSTRUCT THE TECHNOLOGIST ON HOW TO USE THE BASIC MRI PHYSICS IN DAY TO DAY PRACTICE. WHAT PARAMETERS TO USE AND THE SAFETY ISSUES OF MRI QUESTIONS & ANSWERS AT END OF SEMINAR. THIS WILL BE A GOOD MRI REVIEW COURSE FOR THE MRI REGISTRY.

A G E N D A June 7, 2008

- 7:30 AM -8:00 AM Registration
COFFEE, DONUTS, & BAGELS
- 8:00AM Introduction of Speaker
- 8:15 AM –9:30 AM
Basic principles of Magnetism: magnetic properties of matter electricity and magnetism
Magnetic properties of Hydrogen; Magnetic moment; precession; net magnetization
- 9:30-9:45 AM BREAK
- 9:45 AM Producing an MR Signal; A. Faraday's Law of Induction. B. Free Induction Decay
- 10:50 AM Pulse Sequences and Formation.
Protons precession and Lamar Equation. T1,T 2, PD, IR, FSE, Gradient Echo Weighted Images.
- 11:45 AM LUNCH
Free Lunch vouchers to cafeteria donated by sponsors. Door prizes.
- 12:15 PM Basic MR Data Acquisition. Slice selection; phase encoding: Frequency encoding
- 1:45 PM BREAK Cookies & chips Drinks
- 2:00 PM MR Image Quality. signal to noise; spatial resolution ;scan time
- 3:00 PM –4:30 PM Functional Imaging: Echo planar Imaging
Diffusion & Perfusion Spectroscopy-



MAIL REGISTRATION FORM & CHECK of \$100.00 made out to **Medical Technology Staffing, Inc.**
761 Moss Side Drive Bethlehem, Georgia 30620-2576 Fed ID # 58-2618129 Basic Principles of MRI..We now accept Discover ,MasterCard & VISA payments for the seminar call Carolyn Brown (770) 868-5669 to put on your credit card or fill out form to private fax (770-867-3559) Confirmation letter & receipt will be sent to you.

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