



Medical Dosimetrist Certification Board

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Print Date: 6/22/2004

Karen MacFarland
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Dear Karen,

Thank you for submitting your continuing education activity to the MDCB for evaluation. The educational activity has been approved for credits as listed below.

To earn credit(s) with the MDCB, CMD's must submit a certificate of attendance, transcript or some other proof of attendance with the reference number(s) listed provided by the activity sponsor. If there are any questions, please contact the MDCB.

Reference #	Activity Title	Activity Date	Expires	Credits
MDCB040414	Radiobiological Issues for IMRT	07/25/2004	07/30/2004	1.00
MDCB040415	Quality Assurance for Clinical Trials: A Primer for Physicists	07/25/2004	07/30/2004	1.00
MDCB040416	Physics Role in IS	07/25/2004	07/30/2004	1.00
MDCB040417	Advances in MDCT Technology	07/25/2004	07/30/2004	1.00
MDCB040418	Breast MRI: Using Physics to Maximize its Sensitivity & Specificity...	07/25/2004	07/30/2004	1.00
MDCB040419	Calibration & QC of Monitors & Displays	07/25/2004	07/30/2004	1.00
MDCB040420	PET Systems Design, Acquisition & Image Reconstruction	07/25/2004	07/30/2004	1.00
MDCB040421	The Effects of Motion on IMRT	07/25/2004	07/30/2004	1.00
MDCB040422	Transition to Heterogeneity Corrections	07/25/2004	07/30/2004	1.00
MDCB040423	DICOM: Definitions & Testing	07/25/2004	07/30/2004	1.00
MDCB040424	Modern Fluoroscopic Equipment Design & Application	07/25/2004	07/30/2004	1.00
MDCB040425	Diagnostic Shielding Update - Here At Last!	07/25/2004	07/30/2004	1.00
MDCB040426	MR Accreditation Program Quality Control-Beyond Just the Scans...	07/25/2004	07/30/2004	1.00
MDCB040427	Imaging Elastographic Properties of Soft Tissue Using Ultrasound	07/25/2004	07/30/2004	1.00
MDCB040428	Introduction to Radionuclide Dosimetry & Measurement of...	07/25/2004	07/30/2004	1.00
MDCB040429	The Influence of Linear Accelerator Delivery Errors on IMRT	07/25/2004	07/30/2004	1.00
MDCB040430	Stereotactic Body Radiation Therapy Parts I, II & III	07/25/2004	07/30/2004	1.00
MDCB040431	Theory of Quality Assurance	07/25/2004	07/30/2004	1.00
MDCB040432	ACR CT Accreditation Program: Image Quality & Dose Measurements	07/25/2004	07/30/2004	1.00
MDCB040433	Stereotactic Breast Biopsy Physics: Timely Tips for Medical Physicists	07/25/2004	07/30/2004	1.00

MDCB040434	DICOM - What the Medical Physicist Needs to Know	07/25/2004	07/30/2004	1.00
MDCB040435	PET Scanner Performance, Quality Assurance & Acceptance Testing	07/25/2004	07/30/2004	1.00
MDCB040436	The Influence of Dose Modeling on IMRT	07/25/2004	07/30/2004	1.00
MDCB040437	Daily Prostate Radiotherapy Localization	07/25/2004	07/30/2004	1.00
MDCB040438	Managing Respiratory Motion in Radiation Therapy	07/25/2004	07/30/2004	1.00
MDCB040439	Managing Patient Dose in Fluoroscopic Procedures	07/25/2004	07/30/2004	1.00
MDCB040440	Revision of the Federal Performance Standard for Diagnostic X-Ray...	07/25/2004	07/30/2004	1.00
MDCB040441	Optimizing MRI Protocols - SNR, CNR & Spatial Accuracy	07/25/2004	07/30/2004	1.00
MDCB040442	Quality Assurance of Ultrasound Imagers in Diagnostics & Therapy	07/25/2004	07/30/2004	1.00
MDCB040443	Measurement of Radioactivity by 3-D Imaging for Estimating Dose:...	07/25/2004	07/30/2004	1.00
MDCB040445	Overview of Clinical Implementation of IMRT	07/25/2004	07/30/2004	1.00
MDCB040446	CT/PET in Radiation Oncology	07/25/2004	07/30/2004	1.00
MDCB040447	Interpretation of In-Air Output Ratio & Its Impact on Dose Calculation	07/25/2004	07/30/2004	1.00
MDCB040448	Tradeoffs in Image Quality & Radiation Dose	07/25/2004	07/30/2004	1.00
MDCB040449	Troubleshooting Screen-film Mammography Image Artifacts & QC	07/25/2004	07/30/2004	1.00
MDCB040450	Computer Assisted Diagnosis, Concepts & Applications	07/25/2004	07/30/2004	1.00
MDCB040451	PET/CT Attenuation Correction & Image Fusion	07/25/2004	07/30/2004	1.00
MDCB040452	Commissioning an IMRT System for MLC Delivery	07/25/2004	07/30/2004	1.00
MDCB040453	Image Registration and Data Fusion for Treatment Planning	07/25/2004	07/30/2004	1.00
MDCB040454	Monitor Unit Calculations	07/25/2004	07/30/2004	1.00
MDCB040455	Digital Fluoroscopic Imaging: Acquisition, Processing & Display	07/25/2004	07/30/2004	1.00
MDCB040456	Optimization of Radiation Dose & Image Quality in Diagnostic...	07/25/2004	07/30/2004	1.00
MDCB040457	Advanced MRI - An Overview of Techniques & Applications	07/25/2004	07/30/2004	1.00
MDCB040458	Non-Invasive Surgery Using High Intensity Focused Ultrasound (HIFU)	07/25/2004	07/30/2004	1.00
MDCB040459	MQSA Physics Survey Considerations	07/25/2004	07/30/2004	1.00
MDCB040460	Use of Ultrasound Imaging in Breast Cancer Diagnosis & Biopsy	07/25/2004	07/30/2004	1.00
MDCB040461	Inverse Planning Techniques for IMRT	07/25/2004	07/30/2004	1.00
MDCB040462	Update to the TG-43 Report: A Revised Protocol for Brachytherapy Dosim	07/25/2004	07/30/2004	1.00
MDCB040463	CT Dose Reduction Strategies & the Pediatric Patient	07/25/2004	07/30/2004	1.00
MDCB040464	QC for FFDM: What You Must Do and What Really Matters	07/25/2004	07/30/2004	1.00
MDCB040465	Acceptance and QC of Digital Radiography Systems: A Guide for...	07/25/2004	07/30/2004	1.00
MDCB040466	PET Site Planning & Radiation Safety	07/25/2004	07/30/2004	1.00
MDCB040467	Patient-Based QA for IMRT	07/25/2004	07/30/2004	1.00
MDCB040468	Monte Carlo Applications in Radiotherapy	07/25/2004	07/30/2004	1.00
MDCB040469	Flat Panel Fluoroscopy Acceptance Testing & Quality Control	07/25/2004	07/30/2004	1.00
MDCB040470	Radiation Management of Pregnant Patients & Pregnant Staff	07/25/2004	07/30/2004	1.00
MDCB040471	High Field MRI - Technology, Applications, Safety & Limitations	07/25/2004	07/30/2004	1.00
MDCB040472	Principles & Mechanisms of Ultrasonic Contrast	07/25/2004	07/30/2004	1.00
MDCB040473	Room Lighting & Display Luminance in Digital Mammography - What is...	07/25/2004	07/30/2004	1.00

MDCB040474	State-of-the-Art Full Field Digital Mammography - Detector ...	07/25/2004	07/30/2004	1.00
MDCB040478	AAPM President's Symposium	07/25/2004	07/30/2004	2.00
MDCB040479	SS: Brachytherapy I	07/25/2004	07/30/2004	2.00
MDCB040480	SS: Ultrasound / Bone Imaging	07/25/2004	07/30/2004	2.00
MDCB040481	SS: CT 1	07/25/2004	07/30/2004	2.00
MDCB040482	SS: IMRT Clinical Applications 1	07/25/2004	07/30/2004	2.00
MDCB040483	SS: 4D Treatment Planning	07/25/2004	07/30/2004	2.00
MDCB040484	Symposium: PACS & Medical Physicist	07/25/2004	07/30/2004	2.00
MDCB040485	SS: Nuclear Medicine	07/25/2004	07/30/2004	1.50
MDCB040486	SS: Dosimetry	07/25/2004	07/30/2004	1.50
MDCB040487	SS: Motion Tracking	07/25/2004	07/30/2004	1.50
MDCB040488	Symposium: Beyond Film: Alternative for Dosimetric Verification	07/25/2004	07/30/2004	1.50
MDCB040489	Symposium: IMRT Optimization & Operations Research	07/25/2004	07/30/2004	1.50
MDCB040490	SS: Monte Carlo	07/25/2004	07/30/2004	2.00
MDCB040491	SS: MRI	07/25/2004	07/30/2004	2.00
MDCB040492	SS: Fluoroscopy & Angiography	07/25/2004	07/30/2004	2.00
MDCB040493	SS: IMRT Optimization	07/25/2004	07/30/2004	2.00
MDCB040494	SS: 4D CT	07/25/2004	07/30/2004	2.00
MDCB040495	Symposium: From Physics to Medicine	07/25/2004	07/30/2004	2.00
MDCB040496	SS: Calibration & QA	07/25/2004	07/30/2004	2.00
MDCB040497	SS: CT II	07/25/2004	07/30/2004	2.00
MDCB040498	SS: Mammography I	07/25/2004	07/30/2004	2.00
MDCB040499	SS: IMRT Clinical Applications II	07/25/2004	07/30/2004	2.00
MDCB040500	SS: Functional Imaging & Fusion	07/25/2004	07/30/2004	2.00
MDCB040501	Symposium: Image-Guided Therapy	07/25/2004	07/30/2004	2.00
MDCB040502	Symposium: Dual Modality Imaging	07/25/2004	07/30/2004	2.00
MDCB040503	SS: CAD	07/25/2004	07/30/2004	1.50
MDCB040504	SS: Mammography II	07/25/2004	07/30/2004	1.50
MDCB040505	SS Paarticles: Electrons & Protons	07/25/2004	07/30/2004	1.50
MDCB040506	Symposium: Monte Carlo in Radiotherapy Planning	07/25/2004	07/30/2004	1.50
MDCB040507	Symposium: Memorial Session in Honor of Hideo Kubo: 4D	07/25/2004	07/30/2004	1.50
MDCB040508	SS: Brachytherapy II	07/25/2004	07/30/2004	2.00
MDCB040509	SS: Radiography	07/25/2004	07/30/2004	2.00
MDCB040510	ss: Photon Treatment Planning	07/25/2004	07/30/2004	2.00
MDCB040511	SS: Reviewer's Choice	07/25/2004	07/30/2004	2.00
MDCB040512	Symposium: Current Status and Future of CAD	07/25/2004	07/30/2004	2.00
MDCB040513	SS: Radiation Biology/Other	07/25/2004	07/30/2004	2.00
MDCB040514	SS: Multi-modality/New Imaging	07/25/2004	07/30/2004	2.00
MDCB040515	SS: Cone Beam CT	07/25/2004	07/30/2004	2.00
MDCB040516	SS: IMRT Verification and QA	07/25/2004	07/30/2004	2.00
MDCB040517	SS: Stereotactic	07/25/2004	07/30/2004	2.00
MDCB040518	Symposium: Quantitative Functional Imaging	07/25/2004	07/30/2004	2.00
MDCB040519	Symposium: Advances in Vascular Imaging	07/25/2004	07/30/2004	2.00
MDCB040521	SS: Clinical Measurements	07/25/2004	07/30/2004	1.50
MDCB040522	SS: Dosimetry Instrumentation I	07/25/2004	07/30/2004	1.50
MDCB040523	Symposium: The Advanced Technology QA Consortium (ATC)	07/25/2004	07/30/2004	1.50
MDCB040524	SS: Dosimetry Instrumentation 2	07/25/2004	07/30/2004	2.00
MDCB040525	SS: Image Processing	07/25/2004	07/30/2004	2.00
MDCB040526	SS: CT Dosimetry	07/25/2004	07/30/2004	2.00
MDCB040527	SS: IMRT Delivery	07/25/2004	07/30/2004	2.00
MDCB040528	SS: Deformable Models and Localization Techniques	07/25/2004	07/30/2004	2.00

Total Approved Credits: **153.50**

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