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RE: Umana, Dr. Ernesto

#### **TO WHOM IT MAY CONCERN:**

I write in regards to Dr. Ernesto Umana. Dr. Umana has completed fellowship at the University of South Alabama College of Medicine in Cardiology. During his training he underwent nuclear cardiology training with Cardiology Associates in the outpatient setting. His preceptorship began on July 1, 1999 and continued through April 30, 2002. He had extensive clinical and nuclear cardiology experience including active participation in the following studies:

480 GATED SPECT Scans  
 480 Technetium 99M stress imaging procedures  
 465 Technetium 99M rest imaging procedures  
 437 assessments of ejection fraction by GATED SPECT calculation  
 437 wall motion evaluation on GATED images  
 20 Pyrophosphate/RBC multi-gated acquisition procedures  
 8 Thallium 201 myocardial viability studies

During his clinical experience, Dr. Umana examined patients and reviewed histories to determine suitability for these procedures. He was also involved in selecting the appropriate radiopharmaceutical and its dose. He administered radiopharmaceuticals using a syringe shield. He collaborated with an authorized user and interpretation of the procedures. He had extensive clinical correlation with the studies and the medical histories of the patient leading to management decisions taken in collaboration with the authorized user. As noted, extensive clinical imaging/angiographic correlation was available to Dr. Umana.

Dr. Umana also obtained supervised work experience including ordering, receiving, and unpacking radioactive materials. He also has experience in calibrating the dose calibrator and other instruments. He is familiar with calculating and preparing patient dosages. Dr. Umana has experience with administrative control to prevent mis-administration. He is also familiar with procedures that contain spills and decontaminate after spills.

Dr. Umana's total supervised clinical and work experience during his clinical nuclear cardiology training was greater than one thousand hours.

His clinical training, as noted, is full. Along with the separately obtained didactic nuclear training, he is fully qualified to function as an authorized user independently.

If I can provide you with further information, please do not hesitate to ask.

Sincerely,

J. Andrew Morrow, Jr., M.D., FACC  
 Clinical Assistant Professor of Medicine

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