



Molecular Imaging LifeNet MI LifeNet — Molecular Imaging University

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MI LifeNet

Acquiring and sharing the knowledge you need to achieve optimal value

MI LifeNet is part of Life, the unique customer care solution from Siemens that surrounds you with programs and support that enable the continuous development of your skills, productivity, and technology.

Learn, grow and share with Life

- Keep your team up to speed and ahead of change.
- Take full advantage of your system's capabilities.
- Profit from the best applications practices.
- Benefit from a peer exchange of best practices, clinical methods, images, and application tips.

MI LifeNet is a rapidly expanding, internet-based resource for Siemens Molecular Imaging customers. Today, MI LifeNet contains a comprehensive array of clinical education tools within the new Molecular Imaging University (MI University). MI LifeNet will also be expanding in the near future with additional value-added components from Siemens Molecular Imaging.

Within MI LifeNet, MI University is the ultimate training resource for the interpreting physician, the referring physician and the technologist. MI University concisely demonstrates the benefits of hybrid molecular imaging in particular PET•CT, including when and how it influences patient management.



"Molecular Imaging University is one of the most comprehensive and significant tools for referring physicians. This site is well thought out and extremely informative. Molecular Imaging University gives you the essential tools needed to successfully market to referring physicians."

Mark Gaines
Regional Sales and Marketing Manager
American Health Imaging

Life. Get the most from your investment.

MI University Features

MI University features a comprehensive set of training and reference tools for molecular imaging.

Detailed Case Studies

Case studies with teaching points are available for review by interpreting and referring physicians. Organized by indication, these cases contain the actual dictated reports from the interpreting physicians. Each case includes:

- Key images with axial and coronal or sagittal views
- Image findings
- Clinical history
- Differential diagnosis
- Surgery/pathology reports with selected pathology pictures
- Treatment and follow-up
- Discussion about how molecular imaging affected the course of treatment for the patient

Video Lecture Series

Comprehensive video lectures teach key points such as:

- History and development
- Physics and instrumentation
- PET•CT artifacts
- Pitfalls to avoid
- Benefits of hybrid imaging
- PET•CT with specific indications
- Clinical applications
- Issues and controversies in molecular imaging

Each video lecture is approximately 10 minutes in duration and is designed for radiologists, nuclear medicine physicians, technologists, and referring clinicians. Each lecture contains a preamble with an overview, lecture outline, and specific learning objectives.

Key Reference Articles

Carefully selected articles that are pertinent to anyone interested in molecular imaging are posted for review.

Quizzes

Beginner, intermediate, and advanced quizzes test your knowledge of molecular imaging and interpretation. Each quiz contains key images, interactive questions, and a clear explanation of the correct answers.



Key Clinical Questions and Answers

Key questions and answers are organized by indication. These clinical questions/answers are a "must know" for any person interpreting or marketing molecular imaging services.

Imaging Protocols

Organized by clinical indication, each detailed protocol covers pertinent information on:

- Basic scanning
- Patient positioning
- Contrast protocols
- Scanning options
- CT scanning protocol
- PET scanning protocols
- Patient prep
- Dose
- Scan times

Diagnostic Algorithms

Organized by clinical indication, these diagnostic algorithms outline proposed management of patients with molecular imaging.

Related Links

This section contains a host of key links to academic societies, educational resources, government resources, and patient resources which are pertinent to molecular imaging.

Content on MI University is constantly being updated with both PET•CT and SPECT•CT content.

To see more about Molecular Imaging University and MI LifeNet please visit
www.mi-lifenet.com