

Michael F. Lesser, MD, FACC, FSCCT, FAARM
Resume
(last updated May 2020)

Personal Data:

Email – mfl@essentials-spa.com, Cell: 321-722-2860

Current Occupation:

Essentials Spa
Regenerative Medicine Physician, Medical Director
1705 Berglund Lane
Viera, Florida, 32940
www.essentials-spa.com

Hobbies: Surfing, Jogging/Exercise, Poker, Blackjack, Target Shooting, Gunsmithing
Other: [Eagle Scout](#), Boy Scouts of America
Past Member, [Mensa](#) International #1066163

Educational Data:

Undergraduate: University of Florida, B.S. Chemistry 1970-74, [Cum Laude](#)

Honors:

Member, [Deans List](#), [Phi Beta Kappa](#)

Member Elect, Phi Kappa Phi

Post Graduate: University of South Florida, College of Medicine, MD, 1974-77

Honors:

Lange Medical Book Award ([Academic Excellence](#), 1975, 1976)

[Alpha Omega Alpha](#) Honor Society

Internship, Residency and Fellowship: University of South Florida Affiliated Hospitals, 1977-1982

Honors:

Chief Medical Resident, 7/81-6/82

Professional/Business Data:

Certifications:

Diplomate, National Board of Medical Examiners #191320

Florida License #32836

American Board of Internal Medicine #85514

American Board of Internal Medicine Subspecialty Cardiovascular Disease #85514

Society of Cardiac Computed Tomography #1351

American Board of Anti-Aging Medicine – Board Certified 2015

Esthetic Skin Institute, Ft Lauderdale Florida (Botox, Dermal Fillers, Advanced Botox & Fillers, PRP)

Obagi Skin Health Institute – Certified Skin Health Rejuvenation Specialist, Jan, 2013

Continuing Medical Education

(recording begun 9/89)

- 1.** Cardiology Board Review self study quiz, Sept 1989. State University of New York at Stony Brook. 2 Category 1 hours.
- 2.** Cardiac Pacing and Electrophysiology 1989; NASPE. October 28-29, Tarpon Springs, Fl. 8 Category 1 hours.
- 3.** Cardiology Board Review self study quiz, Feb 1990. State University of New York at Stony Brook. 2 Category 1 hours.
- 4.** Cardiology Board Review self study quiz, March 1990. State University of New York at Stony Brook. 2 Category 1 hours.
- 5.** American College of Cardiology Meeting March 1991. Georgia World Congress Center, Atlanta, Georgia
- 6.** American College of Cardiology Meeting April 1992, Dallas Convention Center, Dallas, Texas
- 7.** 1993-1994 Physician Update: Risk Management and HIV/AIDS sponsored by Legal Economics Guidelines and Methodist Medical Center. 7 hours, Category 1
- 8.** Management of Patients with Unstable Angina, 1.5 hours, Category 1, Oct, 1998
- 9.** 570 hours of Journal based CME, multiple topics – Oct 1998 through present
- 10.** All State of Florida required CME for AIDS and Domestic Violence 2000-present
- 11.** Aesthetics Certifications – April, 2010, March 2011
- 12.** Board Certification in Cardiac Computed Tomography – October, 2010
- 13.** State of Florida Full CME Certification Requirements 2012
- 14.** State of Florida Certification to Prescribe Medical Marijuana - 2016
- 15.** State of Florida Full CME Certification Requirements 2013-2019 cycle (CE Broker)
- 16.** Symposium on Exosomes – Kimera Labs, Miramar Florida – 2/2020

Original Work, Publications, and Lectures

1. Lesser, M.F., "Computerized Records in Clinical Cardiology", J. Am. Coll Card. Vol 8, No 4, Oct 1986:941-8
2. Lesser, M.F., "MSC's Cardiology Consultant", Copyright 1986 by Michael F. Lesser, MD, F.A.C.C. Medical Software Consortium, St. Peters, Missouri 63376
3. Lesser, M.F., "The Abbreviated Medical Record". Copyright 1994 by Michael F. Lesser, MD
4. Lesser, M.F., "An Expert System for Analysis and Reporting of First Pass Radionuclide Ventriculography". Proceedings of the 13th Symposium on Computer Applications in Medical Care. Nov 1989, pp 162-166
5. Lesser, M.F., "Safety and Efficacy of In-office Cardioversion for Supraventricular Arrhythmias". American Journal of Cardiology. Vol 66, No 17, pp 1267-68, Nov 1990
6. Lesser, M.F., "The Evolution of Man", Copyright 1991 by Michael F. Lesser. Vantage Press, Inc. New York, N.Y. Library of Congress Catalog Card No:90-91364
7. Lesser, M.F., "GIFIC, a graphical interface for intensive care". Abstract and booth presentation, American College of Cardiology annual meeting, March 1991
8. Lesser, M.F., "Graphical Interface for Intensive Care". Abstract and presentation, American Medical Informatics Association Meeting, May, 1992
9. Lesser, M.F., "Computerized Medical Records". Presentation at Medical Group Management Association conference on "Electronic Data Interchange", May 26-27, 1993, Washington, D.C.
10. Lesser, M.F., "Computer Applications for the Cardiovascular Specialist". Panel Presentation, American College of Cardiology Computer Applications Committee. Symposium on Computer Applications in Medical Care, Nov 2, 1993
11. Lesser, M.F., "Graphical Interface For Intensive Care". Physicians and Computers, Vol 12, No 2, July/August 1994. pp 14-17
12. Lesser, M.F., "Visual Intensive Care". Presented at Visions of the Future, TEPR '96. San Diego, CA. May 13, 1996
13. Lesser, M.F. "Infection Control in the ICU – GIFIC". Presented at TEPR '97, Nashville, Tn. May 2, 1997
14. Lesser, M.F., "CareTracker – An automated system for tracking patient care". Presented at TEPR '98, San Antonio, Texas, May 1998
15. Lesser, M.F., "PedImmune – computerized pediatric immunization system. Presented at TEPR '98, San Antonio, Texas, May 1998
16. Lesser, M.F., "GENA – computer based nursing documentation system. Presented at TEPR '98, San Antonio, Texas, May 1998
17. Workman, Lesser, Kim "An Exploratory Study of Cognitive Load in Diagnosing Patient Conditions" International Journal for Quality in Health Care Advance Access, March 8, 2007
18. Lesser, M.F., "VisiGraph Century – A Guide to the GIFIC Language", Copyright 1999
19. Lesser, M.F., "Picture It – A Guide to the GIFIC Language", Copyright 2008
20. Lesser, M.F., "Information Dashboards", Copyright 2008
21. Lesser, Michael F – Invention and Trademark Registration – DAY ZERO THERAPEUTICS® - 2020

Miscellaneous

Computer Languages and Applications

I have developed complete applications and/or prototype applications as follows:

1. MSC's Cardiology Consultant written in BASIC

This is a complete system for interpreting treadmill exercise tests (including multivariate logistic regression analysis) and generating complete reports, ready for a physician to sign. In addition, the system develops exercise prescriptions as well as activity lists for post MI (heart attack) patients.

2. Osler's original medical record system.

This electronic medical record was developed using PICK Enhanced Basic and the PICK OS and was based on the design of the "Abbreviated Medical Record" previously noted. It represents a complete solution to medical record keeping for a multispecialty group practice.

3. First Pass Radionuclide Interpreter

This is a rule based expert system developed with the "GURU" (from MDDBS) development environment.

4. GIFIC® - Graphical interface for intensive care

This complete package to analyze and display patient data using the new GIFIC® language was developed in the "GURU" environment.

5. CCU database - dBase II

A complete database for storing CCU patient data was developed

6. VisiGraph™ - Microsoft Excel 5.0,7.0/Excel Visual Basic

VisiGraph™ 1.1 is a GIFIC® development platform that incorporates the ease of use of Excel 5.0, 7.0 for a complete, "drag and drop" GIFIC® development environment. It is the culmination of years of work in both developing the GIFIC® language and providing a simple environment for domain experts to develop GIFIC® based displays. VisiGraph™ 2.0, which will be the VB 4.0 version of the original program is currently in the design/programming phase

7. Voices Galore

Voices Galore is a shareware program developed to allow users of on-line services to interchange voices for logging on, e-mail, signing off, etc. Developed using Visual Basic, it successfully incorporates the OLE features of this language to implement multimedia features of today's PC's

8. PedImmune

PedImmune is a pediatric immunization package developed in Access Basic. It allows the logging and tracking of all pediatric immunizations as well as inventory management for same. I was responsible for its complete development including design, programming, and marketing. It is available for both single user and multiuser environments.

9. Caretracker

CareTracker is a complete patient care tracking package designed to eliminate missed appointments, organize preventative health care, and provide not only outcomes tracking, but analyze cost of care on both a disease specific and provider specific basis. In addition, CareTracker can automate the process of patient surveys, and allows a caregiver to “blast” a database of patients to ensure they get appropriate preventative health care. I was responsible for it’s complete development including design, programming, and testing. It is available in both single user and multi-user versions.

10. VisiGraph Century

VisiGraph Century is a stand alone, Windows based application that implements the GIFIC language technology. It allows non-programmers to build and store GIFIC based displays of data from any ODBC compliant database without programming. It was developed in conjunction with another programmer over a two year time frame. This product is commercially available.

11. Osler Medical’s Medication System

Osler has recently upgraded to a windows based EMR from the original PICK based system. The current EMR is based on my original design. I was also responsible individually for designing and programming the medication sub system and have completed a new “caretracker” application that has yet to be put on line.

12. Web based stress testing application

This application does a multivariate logistic regression analysis to compute probabilities of coronary disease based on pretest and post test variables of completed treadmill exercise stress tests. It uses 3 well documented models (literature reference hyperlink is on the site). In addition to doing a complete probability analysis, it will generate a complete report reading for signature.

I have significant working knowledge or have developed completed applications in the following languages and environments.

- a. Basic, including Microsoft Visual Basic and Excel Visual Basic and Access Visual Basic
- b. C
- c. Smalltalk V
- d. Pascal (limited!)
- e. Prolog
- f. Microsoft Office Suite (Word, Excel, Access, PowerPoint & Query)

- g. Pick OS
- h. Microsoft back office suite including Exchange Server, IIS, and SQL server.
- i. Visual Basic and the .NET environment
- j. NextGen/SQL template/development environment
- h. SQL Server, 2005 Management Studio/Programming.

I also have a functional understanding of neural networks and their various applications.