
Curriculum Vitae

Personal Details

Name: Laila Talaat Shaat

Date of Birth: 01 November 1953

Country of Birth: Egypt

Marital Status: Married

Job: Doctor

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Affiliation

Qualification

BSc. Electrical & Communication Engineering, 1976, Faculty of Engineering, Alexandria University.

MSc. Electrical & Communication Engineering, 1981, Faculty of Engineering, Alexandria University.

PhD. Electrical & Communication Engineering, 1993, Faculty of Engineering, Alexandria University.

Appointments

Demonstrator in Biophysics Department, MRI, Alexandria University.
Assistant Lecturer in Biophysics Department, MRI, Alexandria University.
Lecturer in Biophysics Department, MRI, Alexandria University.
Lecturer in Biomedical Engineering Department, MRI, Alexandria University.

Courses, Meetings & Conferences

Publications

- Modeling the Acoustic Attenuation Process of Soft Tissue, Third French Conference on Acoustics, Toulouse, France, May 1994.
- Modeling the Acoustic Attenuation Process of Cancellous Bone, World Congress on Ultrasonics, Yokohama, Japan, August 1997.
- Propagation of Ultrasonic Waves Through Demineralized Cancellous Bone, IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 50, No. 3, March 2003.
- M.M. Mohamed, L. Shaat, and A. N. Mahmoud. "Propagation of Ultrasonic Waves through Demineralized Cancellous Bone" IEEE, Trans. Ultrason, Ferroelectric and Frequency Control, 50, 279-288(2003).
- O. Abdel Alm, M. M. Mohamed, and L. Shaat " Modeling the acoustic attenuation process of soft tissues" Journal de Physique IV C5, 1263 (1994).
- O. Abdel Alm, M. M. Mohamed, and L. Shaat" Experimental investigation of attenuation and velocity of ultrasound on some soft tissues" Alexandria Engineering Journal, 34,BII, April (1995).
- O. Abdel Alm, M. M. Mohamed, and L. Shaat " investigation of a model for estimating the attenuation of ultrasonic signals" Alexandria Engineering Journal, 34,B73, July (1995).

Supervision of Thesis

Experiences:

Others:

Support Supervisor for the maintenance of the Artificial Kidney Machines at MRI Dialysis Center from 1985 to 1988.