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Biographical sketch

1991: B.Sc. in Electronic Engineering, Faculty Electronic Engineering, Menoufia University, Egypt.

2000: M.Sc. in Biomedical Engineering, Faculty Electronic Engineering, Menoufia University, Egypt.

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Publications

- **E. Barakat**, M. Fkirin, S. Badawi : Multimodality Comparative Study: Quantitative Assessment of MRI Contrast Agent Dose reduction
- **E. Barakat**, M. Fkirin, S. Badawi : Quantitative Optimization

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|-------------------------------------|---|
| | of MRI Contrast Agent Dose Using Response Surface Modeling |
| Academic Research interests: | <ul style="list-style-type: none">• Medical Equipment Technology• Magnetic Resonance imaging• Hospital Design and safety• Management of Maintenance Department• Ultrasound Tissue Identification• Hospital Information Systems |