

# Curriculum Vitae (CV)



## • Personal Information:

- Name: Ayman Alkayal
- E-mail: [Aymankyl@gmail.com](mailto:Aymankyl@gmail.com) / Ak8@au.edu.sy
- Mobile: 0934828484
- Languages: Arabic – English

## • Education and Academic Background:

- 2014 – 2019, Medical engineering, Ph.D., Damascus University
- 2008 – 2013, Medical engineering, M.Sc., Damascus University
- 2003 – 2007, Medical engineering, B.Sc., Damascus University

## • Academic degrees and administrative tasks:

- Vice dean for scientific affairs, medical engineering faculty, Al-Andalus private university
- Head of medical equipment department, medical engineering faculty, Al-Andalus private university
- Teacher at medical engineering faculty, Al-Andalus private university
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## • Publications and Scientific Work:

:Papers REFEREED

- Darwich, A., Ismaiel, E., Al-kayal, A., Ali, M., Masri, M., & Nazha, H. M. (2023). "Recognizing Different Foot Deformities Using FSR Sensors by Static Classification of Neural Networks". Baghdad Science Journal, 20 (6 (Suppl.)), 2638-2638.
- Alkayal A, Hamadah, O, (2023), "Observing the Malfunctions of the Dental Units in Faculty of dentistry, and Analysing the Factors Affecting Them", Damascus University Journal for health science.
- Alkayal A, Marmar Z, ReKab M.S, (2018), "Pulpitis level evaluation based on Pulpal Blood Flow estimated by Photoplethysmography", Damascus University Journal for health science.
- Alkayal A, Marmar Z, ReKab M.S, (2018), "Photoplethysmography based Pulpal blood flow Measurement using pulp vitality assessment system", Damascus University Journal for health science.
- AlKayal A, AlHinawi M.F, Abu aissa N, (2013), "Ultraviolet usage efficiency in supporting particulate filters to disinfect re-circulated air in both ICU and O.R rooms", Damascus university Journal for engineering science.

:BOOKS

- AlKayal A, (2022), "Medical equipment maintenance Guideline", Vol.2, Dar AlWathaeq, P.180, Damascus, Syria.
- AlKayal A, Ramadan S, Salhab A, AlNashef S, (2014), "Medical equipment maintenance Guideline", Vol.1, Dar AlWathaeq, P.198, Damascus, Syria.

- AlKayal A, (2012), "Artificial organs, principle, engineering proprieties and historical development", Dar AlNahdah, P.192, Damascus, Syria.

:ARTICLES

- AlKayal A, (2012), "Medical Applications of Ultraviolet radiation", Arabic encyclopedia, Syria.
- AlKayal A, (2011), "C-arm x-ray unit", Arabic encyclopedia, Syria.

:TRANSLATIONS

- "EASE Guideline for Authors and Translators of Scientific Articles to be published in English", (2011), European Association of Science Editors, Translation into Arabic, yearly updated until now.

• **Vision:**

Developing medical engineering science and technologies in Syria.



## سيرة ذاتية ( CV )

### • المعلومات الشخصية:

- الاسم: أيمن الكيال

- البريد الإلكتروني:

[Aymankyl@gmail.com](mailto:Aymankyl@gmail.com)/[Ak8@au.edu.sy](mailto:Ak8@au.edu.sy)

- الهاتف المحمول: 0934828484

- اللغات: عربي - انكليزي

### • المؤهلات والشهادات العلمية:

- دكتوراه في الهندسة الطبية – جامعة دمشق – 2019

- ماجستير في الهندسة الطبية – جامعة دمشق – 2013

- إجازة في الهندسة الطبية – جامعة دمشق – 2007

### • الدرجات العلمية والمهام الادارية:

- نائب العميد للشؤون العلمية في كلية الهندسة الطبية – جامعة الاندلس الخاصة

- رئيس قسم التجهيزات الطبية في كلية الهندسة الطبية – جامعة الاندلس الخاصة

- مدرس في كلية الهندسة الطبية – جامعة الاندلس الخاصة

### • النشر والأعمال العلمية:

#### :REFEREED Papers

- Darwich, A., Ismaiel, E., Al-kayal, A., Ali, M., Masri, M., & Nazha, H. M. (2023). "Recognizing Different Foot Deformities Using FSR Sensors by Static Classification of Neural Networks". Baghdad Science Journal, 20 (6 (Suppl.)), 2638-2638.
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- AlKayal A, (2022), "Medical equipment maintenance Guideline", Vol.2, Dar AlWathaeq, P.180, Damascus, Syria.
- AlKayal A, Ramadan S, Salhab A, AlNashef S, (2014), "Medical equipment maintenance Guideline", Vol.1, Dar AlWathaeq, P.198, Damascus, Syria.
- AlKayal A, (2012), "Artificial organs, principle, engineering proprieties and historical development", Dar AlNahdah, P.192, Damascus, Syria.

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- AlKayal A, (2012), "Medical Applications of Ultraviolet radiation", Arabic encyclopedia, Syria.
- AlKayal A, (2011), "C-arm x-ray unit", Arabic encyclopedia, Syria.

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#### **:TRANSLATIONS**

- "EASE Guideline for Authors and Translators of Scientific Articles to be published in English", (2011), European Association of Science Editors, Translation into Arabic, yearly updated until now.

#### **• الرؤية:**

تطوير علوم وتقنيات الهندسة الطبية في سوريا بشكل يواكب التطورات العالمية.