

# Curriculum Vitae (CV)

## Personal information

### Haydar Hamza Alabedi

Date of birth: 25/9/1974, AL diwaniya

Social status: married with four offspring.

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## Scientific

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### Scopus

**H-Index:** 5

**Link :** <https://www.scopus.com/authid/detail.uri?authorId=57219032757>

### Google Scholar

**H-Index:** 6

**Link :** [https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&hl=en&user=tLcbYMAAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=tLcbYMAAAAAJ)

### ResearchGates

**H-Index:** 4

**Link :** <https://www.researchgate.net/profile/Haidar-Alabdei>

### Web of Science

**H-Index:** 2

**Link :** <https://www.webofscience.com/wos/author/record/HKD-9697-2023>

## Education

**Postgraduate:** Egyptian Board for Radiation Oncology (Ranked as **FIRST POSITIONED** in Board program), 2015.

**Graduation :** M.B.Ch.B. College of Medicine / Baghdad University, 2000.

## Positions

- 2022 – Till Now** Head of Authority and Health and Medical Education.
- 2021 – Till Now** CEO of Warth Cancer Institute/ Karbalaa.
- 2020** National organizer with the International Atomic Energy Agency; IAEA for developing radiotherapy services in Iraq.
- 2019— Till Now** Lecturer at college of medicine/ Baghdad university
- 2016-2019** Manager and head of department of Baghdad Radiotherapy Center / Medical City Complex
- 2017-2019** Secretary general of Iraqi cancer board
- 2016-2021** Advisory committee member for radiotherapy / MOH
- 2017-2019** High drug selection committee member / MOH
- 2018-2019** Pharmaceutical political committee member / MOH

## Supervision

- 2022 – Till Now** Supervisor of MSc and PhD in Radiotherapy for International Student.
- 2020- 2022** Trainer and head of training centre for Iraqi fellowship in radiotherapy
- 2019-** Trainer for diploma candidates in clinical oncology/ Baghdad University
- 2018-** Trainer for Iraqi fellowship candidates in haematology
- 2017-2022** Trainer for Iraqi fellowship candidates in medical oncology
- 2018- 2022** Supervisor for postgraduate study in medical physics/ radiation physics in:  
Al Naharin University/ college of medicine/ department of physiology  
Almustansriya University/college of medicine/department of physiology  
Baghdad University/college of sciences for Women/ department of physics

## Training

- 2019** MRI guided radiotherapy course / Utrecht University Center, Netherlands.
- 2019** Brachytherapy course / Bochum University Hospital, Germany.
- 2019** Radiosurgery course / Bonne University Hospital, Germany.

- 2014-2016** Children Cancer Hospital (CCH) 57357 / Cairo, complete training program, 5 days weekly, 9 hours daily; Under the supervision of two prof. Radiation oncologists.
- 57357 Hospital is the first specialized pediatric oncology hospital in the Middle East & north Africa
- Advanced training in 4D technique, IMRT & IGRT.
- Basic radiobiology and basic physics lecturer for resident doctors.
- Trainer** for resident doctors in planning techniques and clinical approach
- 2015** **Brachytherapy** training course/Cyprus by European Society of Radiation Oncologists **ESTRO**.
- 2011-2014** National Cancer Institute (NCI) hospital / Cairo university, 6 days weekly, 9 hours daily; complete training program under supervision of eight prof. Radiation oncologists.
- NCI is the largest specialized oncology hospital in the Middle East and North Africa.
- Advanced technologies training courses, 3D, IMRT & image-guided radiotherapy.
- Plane revision and acceptance.
- Basic radiation physics lecturer for resident doctors.

## Publications

1. **2024** Incidence of Local Breast Cancer Recurrence with Delayed Radiation Therapy. Breast Cancer Research and Treatment. Accepted for Publication 21 May.
2. **2024** Gamma Knife Versus Volumetric Arc Modulated Therapy in a Linear Accelerator in Treatment of Multiple Brain Metastasis: Literature Review. Journal of Pioneering Medical Sciences. Vol 13 (2), 93-100.
3. **2024** Optimizing Treatment Quality in Head and Neck Cancer Therapy: Impact of Adaptive Intensity-Modulated Radiotherapy on Plan Quality and Tumor Volume Changes. Journal of Contemporary Medical Sciences. Vol 10 (2), 150-156.
4. **2024** Late toxicity after whole pelvic irradiation in prostate cancer patient's irradiation. Onkologia i Radioterapia. Vol 18 (2). 001-009.

5. **2024** An investigation of the risk factors associated with late toxicity after whole pelvic irradiation in patients with prostate cancer. *Onkologia i Radioterapia*. Vol 18 (2). 001-006.
6. **2023** Comparing biological and physical cost functions in VMAT planning for pediatric nasopharyngeal cancer. *Journal of Medical Imaging and Radiation Sciences*. Vol 54 (3), 473-480.
7. **2023** Dosimetric effects and impacts caused by a carbon fiber table and its accessories in a linear accelerator. *Journal of Contemporary Medical Sciences (JCMS)*. Vol 9 (3). 206-210.
8. **2023** Assessing setup errors and shifting margins for planning target volume in head, neck, and breast cancer. *Journal of Medicine and Life*. Vol 16 (3), 394-398.
9. **2023** Molecular study of BRAF gene polymorphisms and the association with mtDNA copy number in thyroid cancer. *Journal of Population Therapeutics and Clinical Pharmacology*. Vol 30 (4), 489-495.
10. **2023** Designing the best treatment plan for patients with nasopharyngeal carcinoma treated with SIB-VMAT using the MONACO treatment planning system. *Oncology and Radiotherapy*. Vol 17 (8), 345-351.
11. **2023** Dosimetric assessment of IMRT treatment planning for unilateral breast cancer patient using Octavius phantom detector. *Applied Nanoscience*. Vol 13 (1), 549-549.
12. **2023** Treatment planning evaluation for bilateral breast cancer using volumetric modulated arc therapy (VMAT). *Revista de Senología y Patología Mamaria*. Vol 36 (1), 100382.
13. **2022** Assessment of dose gradient index variation during simultaneously integrated boost intensity-modulated radiation therapy for head and neck cancer patients. *Precision Radiation Oncology*. Vol 6 (3), 216-224.
14. **2022** Evaluation of conformity and homogeneity indices consistency throughout the course of head and neck cancer treatment with and without using adaptive volumetric modulated arc radiotherapy. *Advances in radiation oncology*. Vol 7 (5), 100905.
15. **2022** Estimation of late normal tissue complication for head and neck cancer patients treated with and without adaptive volumetric modulated arc therapy. *Onkologia i Radioterapia*. Vol. 16 (1), 18-23.

16. **2021** The optimal radiation therapy treatment planning preparation with volumetric modulation arc therapy, intensity modulated radiation therapy and 3Dimensional-Conformal radiotherapy for the synchronous bilateral breast cancer patient including the left side mastectomy with right-side supraclavicular lymph nodes and left side lumpectomy. AIP Conference Proceedings 2372 (1)
17. **2021** Optimum Treatment Planning Technique Evaluation for Synchronous Bilateral Breast Cancer with Left Side Supraclavicular Lymph Nodes. Iranian Journal of Medical Physics. Vol 18 (6), 414-420.
18. **2021** The effect of total fields' area and dose distribution in step and shoot IMRT on gamma passing rate using OCTAVIUS 4D-1500 detector phantom. Iranian Journal of Medical Physics. Vol 18 (4), 226-231.
19. **2021** The effect of modulation complexity score (MCS) on the IMRT treatment planning delivery accuracy. AIP Conference Proceedings: Journal of physics:1829 (1), 012017.
20. **2021** Electron Beam Profile Assessment of Linear Accelerator Using Startrack Quality Assurance Device. AIP Conference Proceedings: Journal of physics:1829 (1), 012015.
21. **2021** Cancer in war-torn countries: Iraq as an example. Handbook of healthcare in the Arab world, 481-494
22. **2020** Quality Assurance of LINAC by Analyzing the Profile of 6-MV and 10-MV Photon Beams Using Star Track Device. Iranian Journal of Medical Physics 17 (4), 260-265.
23. **2020** The Impact of Methotrexate on Neural Stem Cells and the Protection Provided by Cells in the Neurogenic Niche. Health Sciences 9 (6), 13-21.
24. **2019** Assessments and Dosimetric Evaluation of Matching Fields Technique in the Treatment Cranio-Spinal Cancers. Research Journal of Pharmacy and Technology 12 (1), 83-86.