

CURRICULUM VITAE

I. PERSONAL DATA

Name: Dr. Hayder Abbas Hasan
Date of Birth: 30/09/1965
Place of Birth: Basra, Iraq
Nationality: Iraq
Contact Address: University of Sharjah, College of Health Sciences
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II. ACADEMIC/PROFESSIONAL PARTICULARS

(a) Field of Specialization:

Human Anatomy & Physiology, Adipose tissue function

(b) Academic Qualifications

1. **PhD**, Physiology, 2017, University Sains Malaysia, Malaysia, Thesis title: "**Metabolic Syndrome and Its Relationships with Adiponectin, Vitamin D and Physical Activity among Adults In an Institute of Higher Learning in the United Arab Emirates**".
2. **M.Sc.**, Functional Anatomy, 1997, University of Basra, Basra, Iraq, Thesis title: "**Geometrical and stereological characteristics of human vertebrae and their relationships to body weight transmission**".
3. **M.B.Ch. B** (Bachelor of Medicine, Bachelor of Surgery), 1989, University of Basra, Basra, Iraq

(c) Language Proficiency

Arabic – Mother Language

English – very good

III. CAREER DETAILS

(a) Administrative Positions Held

Academic and Administrative Coordinator of the College of Health Sciences, University of Sharjah, United Arab Emirates (04/09/2017-to date)

(b) Academic Positions Held

1. Lecturer, College of Health Sciences, University of Sharjah, United Arab Emirates (09/2001-to date)
2. Lecturer, Faculty of Dentistry, Ajman University of Science & Technology, Ajman, United Arab Emirates (02/1998 – 09/2001)
3. Junior Doctor, Department of Anatomy, College of Medicine, University of Basra, Basra, Iraq (10/1991 – 09/1994)

(c) Professional/Industrial Positions Held

Resident doctor, Teaching Hospital, Basra, Iraq, (09/1989 – 09/1991)

IV. Teaching

(a) Summary of Courses Taught

Course Name	Evaluation
Human Anatomy and Physiology	Excellent
Anatomy for Health Sciences students	Excellent
Anatomy & Physiology for Dental students	Excellent
Pathophysiology	Excellent
Human Biology for medical & dental students in the foundation year	Excellent

(b) Participation in Academic Accreditation

- BSc. Clinical Nutrition & Dietetics, taking part in the preparation of the documents and the response to the comments of the accreditation team, the Commission for Academic Accreditation of the Ministry of Higher Education and Scientific Research, UAE, 2016
- BSc. Physiotherapy, Preparing the documents and the response to the comments of the accreditation team, the Commission for Academic Accreditation of the Ministry of Higher Education and Scientific Research, UAE, 2005-2008.

(c) Research Students Supervised/Trained

Level	Number of Trainees
Undergraduate Students	>50
PhD	2

V. RESEARCH

(a) Research Interests

1. Metabolic Syndrome
2. Adipokines
3. Obesity
4. Vitamin D

(b) Research Grants

1. Co-investigator, Title of the Project: "Vitamin D deficiency in patients with recurrent aphthous stomatitis: a cross-sectional study". From the Office of the Vice Chancellor for Research and Graduate Studies, University of Sharjah, Sharjah, UAE, 2016, Amount 74,088 AED
2. Co-investigator, Title of the Project: "Effect of Ramadan Intermittent Fasting on Visceral Adiposity and Inflammatory Makers in Obese Subjects". From Tanita Company, Japan, 2015, Amount 50,000 AED
3. Co-investigator, Title of the Project: "Assessment of Lifestyle, Anti-oxidative, Oxidative and Inflammatory Markers in relation to Metabolic Syndrome components among adults in UAE". From the Office of the Vice Chancellor for Research and Graduate Studies, University of Sharjah, Sharjah, UAE, 2015, Amount 109,000 AED
4. Co-investigator, Title of the Project: "Effect of feeding patterns on adiposity and cardiometabolic markers in baby and mother: a prospective cohort study". From Al Jalila Foundation, UAE, 2015, Amount 211,176 AED

5. Co-investigator, Title of the Project: "Mother and Baby Cohort Study: Feeding patterns, Adiposity and Cognitive Development in Sharjah City, United Arab Emirates". From the Office of the Vice Chancellor for Research and Graduate Studies, University of Sharjah, Sharjah, UAE, 2015, Amount 133,324 AED
6. Principal investigator, Title of the Project: "Relationships of Vitamin D, VDR polymorphism and adipokines and their effects on the oral health in Metabolic Syndrome". From the College of Graduate Studies and Research, University of Sharjah, Sharjah, UAE, 2013, Amount 94,000 AED
7. Co-investigator, Title of the Project: "T2DM and Periodontal Diseases: A Comparison between diabetic and non-diabetic". From Sheikh Hamdan Award, UAE, 2009, Amount 107,000 AED
8. Co-investigator, Title of the Project: "Continuous Glucose Monitoring System analysis during Ramadan fasting". From Sheikh Hamdan Award, UAE, 2007, Amount 116,250 AED
9. Co-investigator, Title of the Project: "Serum Leptin as a marker for insulin resistance in non- diabetic young Arab females in united Arab Emirates". From the College of Graduate Studies and Research, University of Sharjah, Sharjah, UAE, 2006, Amount 40,000 AED

(c) Participation in Regional & International Conferences

1. Dubai 2nd Nutrition Conference, Dubai, UAE, 2016.
2. Dubai first Nutrition Conference, Dubai, UAE, 2015.
3. First Research Symposium, Imperial College London Diabetes Center, Abu Dhabi, UAE, 2015.
4. AlQassimi Hospital 1st Nutrition Forum, Ajman, UAE, 2015.
5. The 12th International Congress on Obesity, Kuala Lumpur, Malaysia, 2014.
6. The 2nd Annual Gulf Obesity Surgery Society (GOSS 2014) Meeting, Dubai, UAE, 2014.
7. The 5th International Congress on Prediabetes and Metabolic Syndrome, Vienna, Austria, 2013.

VI. SERVICE

(a) Membership of Conference Committees

- Scientific committee, Reviewing the scientific papers for the conference, Conference of Food and Medicine in light of recent developments and Islamic law perspectives, University of Sharjah, U.A.E

(b) Service as Reviewer Journals

1. International Journal of Obesity (Springer Nature)
2. Gene (by Elsevier)
3. British Medical Journal (BMJ) Open Diabetes Research & Care
4. European Journal of Endocrinology
5. Current Diabetes Reviews
6. Jordanian Journal of Biological Sciences

(c) Invited Presentations at Scientific Meetings/Workshops

1. **Walking Improves Adiponectin level and Metabolic Syndrome components in Young Women.** Dubai International Nutrition Congress, 24-26 October 2018, Dubai, UAE.
2. **Is healthy Obesity Harmless?** Metabolic Syndrome Conference, 27 October 2017, Abu Dhabi, UAE
3. **Obese people: Are they Equal?** Dubai 2nd Nutrition Conference, 17-19 November 2016, Dubai, UAE.
4. **Vitamin D and Metabolic Syndrome.** First Research Symposium, Imperial College London Diabetes Center, 1st October 2015, Abu Dhabi, UAE
5. **Adipocytokines in Obesity & Metabolic Syndrome.** AlQassimi Hospital 1st Nutrition Forum. 1st October 2015, Ajman, UAE
6. **Adipocytes: Fat storage or Endocrine organ.** The 2nd Annual Gulf Obesity Surgery Society Meeting (GOSS 2014), 11-13 December 2014, Dubai, UAE

(d) Community Service

- Conducting the training program of the Inspection Professional Diploma in collaboration with Human resources department, Sharjah (02/10/2017 to 05/11/2017)
- Participation in the UAE Innovation week (15-21 February 2018)
- Participation in the Open Day Activities (24-29 April 2018)
- Attendance of the Flipped Classroom Technology (26-28 March 2018)

(e) University Service

University Committees:

- Research Ethics Committee – member (2015- to date)
- Timetable and Exam Committee – Member (2013 – to date)

College Committee:

- Chair (timetable and exam committee)- 12 years
- Member of the College of Health Sciences Council (2017-2019)
- Member of the College of Health Sciences Advisory Board – 2017/2018
- Member of the Clinical nutrition & Dietetics Department Council (2014-2018)
- Accreditation committee – member – for 3 years

(f) Public Service

1. Lecture “Lights on diabetes mellitus in school children” – Beneficiaries – School doctors and nurses – January 2015
2. Lecture “Adipose tissue communication” – Beneficiaries - Faculty and staff, Medical and Health Sciences complex, University of Sharjah – October 2013

VII. List of Publications (in chronological order, starting with most recent)

Scopus- Author ID: 57201999360

<i>h-index</i>	Documents by Author	Total Citation
5	18	94

(a) International Refereed Journals (Published or Accepted only!)

1. Abuzaid M, Elshami W, **Hasan H.** Knowledge and Adherence to Radiation Protection among Healthcare Workers at Operation Theater. *Asian Journal of Scientific Research.* 2019;12: 54-59. doi: 10.3923/ajsr.2019.54.59

2. Attlee A, **Hasan H**, AlQattan A, Sarhan N, Alshammari R, Ali S, Nabil M, Alattrash A, Raigangar V, Madkour M, Unnikannan H, Awadallah A. Relationship of salivary adipocytokines, diet quality, physical activity, and nutrition status in adult *Emirati* females in United Arab Emirates. *Diabetes Metab Syndr*. 2019;13(1):40-46. <https://doi.org/10.1016/j.dsx.2018.08.006>
3. **Hayder Hasan**, Amita Attlee, Hamid Jan Mohamed, Norliyana Aris and Wan Abdul Manan Wan Muda. Counting Footsteps with a Pedometer to Improve HMW Adiponectin and Metabolic Syndrome among Young Female Adults in the United Arab Emirates. *Journal of Obesity*. 2018:2018(3):1-9. DOI:10.1155/2018/1597840
4. Hadia Radwan, **Hayder Hasan**, Rami A. Ballout, Rana Rizk. The epidemiology of cancer in the United Arab Emirates: A systematic review. *Medicine*. 2018: 97(50):e13618. DOI: 10.1097/MD.00000000000013618
5. Radwan H, Ballout R, **Hasan H**, Lessan N, Karavetian M, Rizk R. The Epidemiology and Economic Burden of Obesity and Related Cardiometabolic Disorders in the United Arab Emirates: A Systematic Review and Qualitative Synthesis. *Journal of Obesity*. 2018;2018:2185942. DOI: 10.1155/2018/2185942
6. Radwan H, Hashim M, Shaker Obaid R, **Hasan H**, Naja F, Al Ghazal H, Jan Jan Mohamed H, Rizk R, Al Hilali M, Rayess R, Izzaldin G. The Mother-Infant Study Cohort (MISC): Methodology, challenges, and baseline characteristics. *PLoS One*. 2018 May 31;13(5):e0198278. doi: 10.1371/journal.pone.0198278.eCollection 2018.
7. Radwan H, **Hasan HA**, Najm L, Zaurub S, Jami F, Javadi F, Deeb LA, Iskandarani A. Eating disorders and body image concerns as influenced by family and media among university students in Sharjah, UAE. *Asia Pac J Clin Nutr*. 2018;27(3):695-700. doi: 10.6133/apjcn.062017.10.
8. Dafalla AI, Almuhairi SA, AlHosani MH, Mohamed MY, Alkous MI, AlAzzawi MA, Abakar AD, Mohamed Nour BY, **Hasan HA**, AbuOdeh RO, ElBakri AM. Intestinal Parasitic Infections among expatriate workers in various occupations in Sharjah, United Arab Emirates. *Revista do Instituto de Medicina Tropical de Sao Paulo*. 2017 Dec 21;59:e82. Doi: 10.1590/S1678-9946201759082
9. Attlee A., Atmani N., Stromtso V., Ali F., Tikarly R., Ryad S., Salah G., **Hasan H.**, Shaker R. Assessment of Weight Management Practices among Adults in the United Arab Emirates". *Journal of Nutrition and Metabolism*. 2017;2017:1050749. Doi.org/10.1155/2017/1050749

10. **Hasan HA**, AbuOdeh RO, Muda WA, Mohamed HJ, Samsudin AR. Association of Vitamin D receptor gene polymorphisms with metabolic syndrome and its components among adult Arabs from the United Arab Emirates. *Diabetes Metab Syndr.* 2017 Apr 2. pii: S1871-4021(17)30075-9. doi:10.1016/j.dsx.2017.03.047.
11. **Hasan H**, Attlee A, Raigangar V, Madkour M, Awadallah S. Proprotein convertase subtilisin/kexin type 9 (PCSK9) and metabolic syndrome components among young adult females. *Diabetes Metab Syndr.* 2017 Mar 6. pii: S1871-4021(16)30305-8. doi:10.1016/j.dsx.2017.03.012.
12. Awad M, Rahman B, **Hasan H**, Ali H. The Relationship between Body Mass Index and Periodontitis in Arab Patients with Type 2 Diabetes Mellitus. *Oman Med J.* 2015 Jan;30(1):36-41. doi: 10.5001/omj.2015.07.
13. AbuOdeh R, Al-Mawlawi N, Al-Qahtani AA, Bohol MF, Al-Ahdal MN, **Hasan HA**, AbuOdeh L, Nasrallah GK. Detection and genotyping of torque teno virus (TTV) in healthy blood donors and patients infected with HBV or HCV in Qatar. *J Med Virol.* 2015 Feb 9. doi: 10.1002/jmv.24146.
14. Lessan N, Hannoun Z, **Hasan H**, Barakat MT. Glucose excursions and glycaemic control during Ramadan fasting in diabetic patients: Insights from continuous glucose monitoring (CGM). *Diabetes Metab.* 2015 Feb;41(1):28-36. doi: 10.1016/j.diabet.2014.11.004.
15. Bani-Issa WA, Halabi JO, Abdullah AR, **Hasan HA**, Raigangar VL. Prevalence and risk factors for incontinence among emirati women with diabetes. *J Transcult Nurs.* 2014 Jan;25(1):42-50. doi: 10.1177/1043659613503873.
16. Abdullah A, **Hasan H**, Raigangar V, Bani-Issa W. C-Peptide versus insulin: relationships with risk biomarkers of cardiovascular disease in metabolic syndrome in young Arab females. *Int J Endocrinol.* 2012;2012:420792. doi:10.1155/2012/420792.
17. Lessan N, **Hasan H**, Barakat MT.: Ramadan fasting: a study of changes in glucose profiles among patients with diabetes using continuous glucose monitoring. *Diabetes Care.* 2012 May;35(5):e37.
18. Abdullah A, **Hasan H**, Raigangar V.: Analysis of the relationship of leptin , hs- CRP, Adiponectin, Insulin and Uric acid to Metabolic Syndrome in lean, overweight and

- obese young females. *Metabolic syndrome and related disorders Journal*, 2009, Vol 7 (1): 17-22.
19. Abdullah A, **Hasan H**, Raigangar V.: Serum Leptin as a marker for insulin resistance in non- diabetic young Arab females in United Arab Emirates. *Medical Journal of Basrah University* 2008; 26: 86-90.
 20. Abdullah A, Lessan N G, **Hassan H**, Athamneh S. Evaluation of Diurnal Glycaemic Variation in Patients with Diabetes Mellitus in the UAE Using Continuous Glucose Monitoring System (CGMS). *University of Sharjah Journal of Pure & Applied Sciences*, October 2006: 3 (3): 133-143.
 21. Lessan NG, Abdullah A, **Hassan H**, Nasir Q, Athamneh S. Glycaemic Patterns Detected By CGMS in Patients with Diabetes Mellitus in United Arab Emirates (UAE). *Diabetes Technol Ther.* 2006 Aug;8(4):513-5.

(b) Conference Papers

1. Al-Amad S., **Hasan H.**, Awad M. Vitamin D deficiency among patients with Recurrent Aphthous Stomatitis A preliminary study from the UAE. 14th Biennial Congress of the European Association of Oral Medicine in conjunction with the World Workshop on Oral Medicine VII. 27th –29th September 2018, Gothenburg, Sweden, 2018.
2. **H. A. Hasan**, W. M. Wan Abdul Manan, J. M. Hamid Jan, N. L. Aris, V. L. Raigangar. Comparison of obese adults with and without metabolic abnormalities in the United Arab Emirates. *Journal of Obesity Reviews.* 17:41, APR 2016 (ISSN Print: 1467-7881 and doi/10.1111/obr.12400/epdf)
3. V Raigangar, **H Hasan**, WAM Wan Muda, HJ Jan Mohammed. Perceived exercise barriers by the University Of Sharjah Community United Arab Emirates. *Journal of Physiotherapy* 2015:101(S1): e1251-e1252 (ISSN:0031-9406 and DOI:10.1016/j.physio.2015.03.1155)
4. **Hasan H**, AbuOdeh R, Wan Muda W, Jan Mohammed H. Vitamin D levels and VDR polymorphisms: relationships to metabolic syndrome components in overweight / obese Arab females (Abstract). *Journal of Obesity Reviews* 2014: 15 (S2): 44. The 12th International Congress on Obesity, 17-20 March 2014, Kuala Lumpur, Malaysia, 2014.

5. **Hasan HA**, Raigangar VL, Abdullah AR. Serum UA and metabolic syndrome: the missing association. Journal of Diabetes 2013; 5 S(1):128 . The 5th International Congress on Prediabetes and Metabolic Syndrome, Vienna, Austria, 2013.
6. **Hasan H.**, Raigangar V., Abdullah A. R. Leptin or Leptin-to-Adiponectin Ratio: A Predictor of Insulin Resistance in Metabolic Syndrome. Obesity Facts. 5:141, 2012.
7. **Hasan HA**, Abdullah AR, Raigangar VL. C-Peptide as a marker of cardiometabolic syndrome in young females. Journal of Diabetes 2011; 3 S(1):44 . The 4th International Congress on Prediabetes and Metabolic Syndrome, Madrid, Spain, 2011.
8. A R Abdullah, **H Hasan**, V Raigangar. Identification of a reliable biomarker for metabolic syndrome. Endocrine Abstracts (2011) 26 P316. 13th European Congress of Endocrinology, Rotterdam, The Netherlands, 30 April 2011 - 04 May 2011 [ISSN 1470-3947 (print) and ISSN 1479-6848 (online)].
9. V. Raigangar, **H. Hasan** (2011). EVALUATION OF THE PRECEPTOR MODEL OF TRAINING FOR PHYSIOTHERAPY STUDENTS. EDULEARN11 Proceedings: Page: 6994 (ISBN: 978-84-615-0441-1 and ISSN: 2340-1117). 3rd International Conference on Education and New Learning Technologies. 4-6 July, 2011. Barcelona, Spain
10. N. Lessan, **H. AlMousawi**, M. Barakat (2011). Ramadan Fasting Among Patients with Diabetes-Assessing Changes in Glucose Profiles Using Continuous Glucose Monitoring (CGM). Abstract Book. 4th International Conference on Advanced Technologies & Treatment for Diabetes, London, United Kingdom.
11. A.R. Abdullah, **H. Hasan**, V. Raigangar. Serum Leptin as a Marker for Insulin Resistance in Non-Diabetic Young Arab Females in United Arab Emirates. Abstract Book. 2nd International Conference on Advanced Technologies & Treatment for Diabetes, Athens, Greece, 2009.
12. M.B. Alshammaa, **H. Hasan**, A.R. Abdullah. Computer Directed Algorithm of Glycemic Control in Critically ill Patients. Abstract Book. 2nd International Conference on Advanced Technologies & Treatment for Diabetes, Athens, Greece, 200*.

13. Lessan N G, Saadane I, **Hasan H**, Abdullah A. Changes in Glucose Profiles in Fasting Patients with Type 2 Diabetes during Ramadan: Analysis of CGMS Data in Patients in the UAE. Endocrine Abstracts. 10th European Congress of Endocrinology, Berlin, Germany, 2008.
14. **H. A. Hassan**, A. R. Abdullah, NG Lessan. Day and Night Glucose Monitoring Using CGMS. Abstract Book. 1st International Conference on Advanced Technologies & Treatment for Diabetes, Prague, Czech Republic, 2008.
15. N Lessan, A. R Abdullah & **H AIMousawi**. Diabetes in the UAE, audit of the risk profiles from AlZahra Hospital, Sharjah. Abstract Book. 19th World Diabetes Congress. International Diabetes Federation (IDF), Cape Town, South Africa, 2006.
16. N Lessan, **H AIMousawi**, A. R Abdullah & S Athamneh. Continuous Glucose Monitoring System (CGMS) in people with diabetes before and during Ramadan fasting. Abstract Book. 19th World Diabetes Congress. International Diabetes Federation (IDF), Cape Town, South Africa, 2006.
17. Lessan NG, Abdullah A, **Al-Mousawi H**, Nasir Q, Athamneh S. Utility of continuous glucose monitoring (CGMS) to explore glycemic patterns in patients with diabetes mellitus in the UAE. Endocrine Abstracts. 8th European Congress of Endocrinology, Glasgow, UK, 2006.

VIII. **References**

1. Dr. Amina Al-Marzouqi, Acting Dean, College of Health sciences, University of Sharjah (00971-6-50507500)- amalarzouqi@sharjah.ac.ae
2. Prof. Samir Awadallah, College of Health Science, University of Sharjah (Tel.: 00971-6-5057509)- sawadallah@sharjah.ac.ae
3. Prof. Sausan Al-Kawas, College of Dental Medicine, University of Sharjah, (Tel.: 00971-6-5057305)- sausan@sharjah.ac.ae