

Brief Curriculum Vitae Of Trainee

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Professor of Physiology, College of Medicine, King Saud University, and Head of the Department of Physiology, College of Medicine, King Saud University, from 1438 AH to date

Qualifications:

- ✓ Obtaining a doctorate degree from the University of Glasgow Medical College, Britain, 2012, specialization, physiology, cardiovascular tests during clinical effort
- ✓ Holds a master's degree in movement sciences from King Saud University in Riyadh 12/25/1423 AH.
- ✓ Teaching at the University of Glasgow Medical College, Britain, Glasgow University 2010-2011
- ✓ Obtaining the certificate of teaching, teaching and evaluation of graduate students GTA 2010-2011
- ✓ Obtaining a professional certificate in teaching SEDA 2013
- ✓ A teaching consultant (peer observation) at the Deanship of Skills Development 2013 observed teaching in a number of university colleges (Engineering, Dentistry, College of Medicine, College of Arts, College of Pharmacy, College of Medicine, College of Emergency Education)
- ✓ Member of the British Higher Education Academy (AHEA)
- ✓ Member of the Autism Research Center
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2022	Al-Hazzaa HM, Alrasheedi AA, Alsulaimani RA, Jabri L, Alhowikan AM, Alhussain MH, Bawaked RA, Alqahtani SA. Prevalence of overweight and obesity among Saudi children: A comparison of two widely used international standards and the national growth references. <i>Frontiers in Endocrinology</i> . 2022;13.
2022	El-Ansary A, Al-Onazi M, Alhowikan AM, Alghamdi MA, Al-Ayadhi L. Assessment of a combination of plasma anti-histone autoantibodies and PLA2/PE ratio as potential biomarkers to clinically predict autism spectrum disorders. <i>Scientific Reports</i> . 2022 Aug 3;12(1):13359.
2022	Alhussain MH, Almousa AA, Alarifi SN, AlSedairy SA, Alhowikan AM. Influence of chilling-and-reheating pasta on postprandial glycemic responses and appetite: a randomized control trial.
2022	Alhowikan AR. Association of Skeletal Muscle Strength and Body Fat Distribution on Pulmonary Functions. <i>Annals of PIMS-Shaheed Zulfiqar Ali Bhutto Medical University</i> . 2022 Jun 22;18(2):74-8.
2022	Alhowikan, Abdulrahman M., Reema A. Altaweraqi, Dost M. Halepoto, and Hazzaa M. Al-Hazzaa. "Associations of whole body reaction time with anaerobic power performance among Saudi athletes in different sports." (2022).
	Alhowikan AM, Altaweraqi RA, Halepoto DM, Al-Hazzaa HM. Associations of whole body reaction time with anaerobic power performance among Saudi athletes in different sports.
2022	Alhowikan AM, Al-Hazzaa HM. Impact of running race in warm weather on hematological and biochemical parameters. <i>European Review for Medical and Pharmacological Sciences</i> . 2022 Apr 1;26(7):2288-91.
2022	Alhowikan AM. Impact of supervised exercise training on systemic sclerosis with multiple organ involvement: A case report. <i>JPMA. The Journal of the Pakistan Medical Association</i> . 2022 May 1;72(5):972-4.
2020	Alyami RM, Alhowikan AM. Effect of supervised exercise training on exercise capacity, pulmonary function and growth differentiation factor 15 levels in patients with interstitial lung disease: A preliminary study. <i>Isokinetics and Exercise Science</i> . 2022 Jan 1;30(3):221-9.
2021	Al-Ayadhi LY, Alghamdi FA, Altamimi LA, Alsughayer LY, Alhowikan AM, Halepoto DM. The possible link between fetuin-a protein and neuro-inflammation in children with autism spectrum disorder. <i>Pakistan Journal of Medical Sciences</i> . 2021 Jul;37(4):1166.
2022	Al-Ayadhi L, Alhowikan AM, Bhat RS, El-Ansary A. Comparative study on the ameliorating effects of camel milk as a dairy product on inflammatory response in autism spectrum disorders. <i>Neurochemical Journal</i> . 2022 Mar;16(1):99-108.
2020	Alyami RM, Alhowikan AM, Alharbi AR, Ghada AN. Impact of supervised exercise training on pulmonary function parameters, exercise capacity and Irisin Biomarker in Interstitial lung disease patients. <i>Pakistan Journal of Medical Sciences</i> . 2020 Jul;36(5):1089.
2020	Alyami RM, Alhowikan AM, Alharbi AR, Ghada AN. Impact of supervised exercise training on pulmonary function parameters, exercise capacity and Irisin Biomarker in Interstitial lung disease patients. <i>Pakistan Journal of Medical Sciences</i> . 2020 Jul;36(5):1089.
2020	Meo SA, Abukhalaf AA, Alomar AA, Al-Beeshi IZ, Alhowikan A, Shafi KM, Meo AS, Usmani AM, Akram J. Climate and COVID-19 pandemic: effect of heat and humidity on the incidence and mortality in world's top ten hottest and top ten coldest countries. <i>Eur Rev Med Pharmacol Sci</i> . 2020:8232-8.
2020	Al-Hazzaa HM, Alhowikan AM, Alhussain MH, Obeid OA. Breakfast consumption among Saudi primary-school children relative to sex and socio-demographic factors. <i>BMC public health</i> . 2020 Dec;20:1-4.

2020	Alfotawi R, Alhowikan A, Alfadhel A, Premnath S, Tawhari J, Alhamid A, Bahammam S. A Novel assessment tool monitoring the level of patient anxiety during third molar surgery procedure. <i>Heliyon</i> . 2020 Jan 1;6(1):e02576.
2019	Al-Hazzaa HM, Alhussain MH, Alhowikan AM, Obeid OA. Insufficient sleep duration and its association with breakfast intake, overweight/obesity, socio-demographics and selected lifestyle behaviors among Saudi school children. <i>Nature and science of sleep</i> . 2019;11:253.
2019	Alhowikan AM, Al-Ayadhi LY, Halepoto DM. Impact of environmental pollution, dietary factors and diabetes mellitus on Autism Spectrum Disorder (ASD). <i>Pakistan journal of medical sciences</i> . 2019 Jul;35(4):1179.
2019	Alhowikan AM, Rouq FA, Aldokhi LM, Alzamil H, Zakareia FA. Vitamin D Deficiency, Atherogenic Index and Some Demographic Data as Risk Factors with The Prevalence of Diabetic Peripheral Polyneuropathy in Type II Diabetic Females. <i>Biomedical Journal of Scientific & Technical Research</i> . 2019;20(3):15073-83.
2108	Al-Ayadhi L, Alhowikan AM, Halepoto DM. Impact of Auditory Integrative Training on Transforming Growth Factor- β 1 and Its Effect on Behavioral and Social Emotions in Children with Autism Spectrum Disorder. <i>Medical Principles and Practice</i> . 2018;27(1):23-9.
2017	Abdulrahman M. Alhwaikan, Sulaiman Abdullah Alshammari Physical Activity, Sedentary Behaviors and Dietary Habits among Adults Living in Riyadh City, Kingdom of Saudi Arabia Year: 2017 Month: April Volume: 7 Issue: 4 Pages: 199-209
2017	Alhowikan AM, Alkhedaide AQ, Al-Ayadhi LY. Association of Learning and Memory Calcineurin Binding Protein with Autism Spectrum Disorders. <i>JCPSP-JOURNAL OF THE COLLEGE OF PHYSICIANS AND SURGEONS PAKISTAN</i> . 2017 Feb 1;27(2):84-7.
2017	Halepoto DM, Alhowikan AM, Ayadhi LA. Cluster of Differentiation 5 (CD5) Levels in the Plasma of Children with Autism Spectrum Disorder (ASD). <i>Journal of the College of Physicians and Surgeons--Pakistan: JCPSP</i> . 2017 Mar;27(3):149.
. 2017	Alhowikan AM, Ayadhi LA, Halepoto DM. Secretagogin (SCGN) Plasma Levels and their Association with Cognitive and Social Behavior in Children with Autism Spectrum Disorder ASD. <i>Journal of the College of Physicians and Surgeons--Pakistan: JCPSP</i> . 2017 Apr;27(4):222.
2017	Alhowikan AM Abdullah A. Alfaifi. Badr A. Almutairi. Omar A. Alzamil. Muath A. Aleid. Heart Rate Beat-to-Beat Slope Change during Six-Minute Walk Test <i>La Tunisie Médicale</i> 2017 (in press)
2016	Alhowikan AM . Activity-Regulated Cytoskeleton-Associated Protein Dysfunction May Contribute to Memory Disorder and Earlier Detection of Autism Spectrum Disorders. <i>Medical Principles and Practice</i> . 2016 Mar 11;25(4):350-4.
2016	Alhowikan, Abdulrahman Mohammed. "Benefits of physical activity for autism spectrum disorders: A systematic review." <i>Saudi Journal of Sports Medicine</i> 16.3 (2016): 163.
2009	Alameri, H., Al Majed, S., & Al Howaikan, A. (2009). Six-min walk test in a healthy adult Arab population. <i>Respir.Med.</i> 103 , 1041-1046.
2004	AL- Hazzaa H, AL- Mobeireek F, AL- Howikan A. cardiopulmonary exercise testing an underutilized diagnostic tool in Saudi Arabia. <i>Saudi Med J</i> 2004; 25: 1453-1458
2003	AL- Howikan A, AL- Hazzaa H. measurements of skinfold thickness, fat percent, BMI and muscular strength for healthy saudi males 20-50 years of age living in Riyadh city {in Arabic}. <i>Arab journal of food and nutrition</i> 2003;4 S:268-278

2002	AL- Howikan A, AL- Hazzaa H, Al- Mobeireek F, Al- Majed S. peak cardiorespiratory exercise data for healthy Saudi males (abstract) proceeding of the 12 th annual meeting of the Saudi Heart Association. Riyadh (KSA): the Saudi Heart Association; 2002
2002	AL- Hazzaa H, AL- Howikan A. cardiopulmonary exercise testing: an important clinical tool { in Arabic} the Saudi journal of sport medicine 2002; 6:14 -26