

**Dr. Hani Abdulsattar Shaker**

**Medical Speech & Swallowing Disorders**

San Jose State University

University of California San Francisco



**د. هاني عبدالستار شاکر**

**طبيب اختصاصي طب التخاطب وإضطرابات البلع**

جامعة سان هوزي بالولايات المتحدة الأمريكية

جامعة كاليفورنيا سان فرانسيسكو

## Curriculum Vitae



**Dr. Hani Abdulsattar Shaker**

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Date of birth: 22/2/1386 Hijri. – June 11, 1966

### *Education and Qualifications:*

- 1991 Graduated M.B.B.S, medical degree, King Abdulaziz University, Jeddah, Saudia Arabia
- 1992 I completed successfully the compulsory internship year, Jeddah city, Saudia Arabia
- 1995 Diploma in Family Medicine, Saudi Council for Health Specialties, Saudia Arabia
- 2006 Master degree in Speech Language Pathology, San Jose State University, San Jose, California, USA.
- 2007 Certified of Clinical Competence in Speech Language Pathology, American Speech-Language-Hearing Association (ASHA)
- 2007 Certificate in Fiberoptic Endoscopy for Evaluation of Swallowing (FEES), University of California, San Francisco.
- 2007 Certification as a Vital Stim therapy provider for patients with swallowing disorders, San Francisco, CA
- 2008 - Up to date Health Informatics Master Degree student at University of Bath, UK  
My thesis is about (*Computerized Physicians' data entry of Electronic Medical Records: Barriers and Anticipated Solutions within Makkah Region Health Services.*), which was summited to the university and waiting for their decision.

### *Current job:*

- 📅 July 20, 2007 – up to date:
- ✳ Medical speech and Swallowing disorders physician as a part time at both King Abdullah Medical City and Alnoor Specialist Hospital.
- 📅 January 28, 2009 up to date:



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- \* General Director Assistant in planning & development, and Health Informatics in General directorate health affair at Makkah region.
- 📅 April 13, 2010 up to date:
- \* Health Informatics Consultant in Ministry of Health
- \* National eHealth/ICT Strategy Project advisor in Ministry of Health.

### *Scope of service:*

Swallowologist is one of Speech-language pathology specialties who can evaluate and manage patients with oro-pharyngeal dysphagia. Patients complaining of swallowing difficulties such as 1) drooling, coughing and/or choking on liquids or foods during or right after eating or drinking, 2) wet or gurgle sounding voice during or after eating or drinking, 3) feeling of food sticking in the throat or upper chest, 4) extra time and effort required for eating, 5) history of recurring pneumonia or chest congestion after eating, and 6) weight loss or dehydration from not being able to eat enough may benefit from evaluation by a certified speech-language pathologist. A comprehensive dysphagia evaluation by a speech-language pathologist (Swallowologist) may help in the differential diagnosis for patients with respiratory disease, failure to thrive, unintended weight loss, and chronic cough.

The initial evaluation will include a careful review of the patient's history, evaluation of the strength, range of motion and coordination of the muscles involved in swallowing, and may entail observation of the patient eating and drinking. In addition, instrumental assessment of swallowing (videofluoroscopic swallow study and/or fiberoptic endoscopic evaluation of swallowing) is required to complete the oro-pharyngeal swallowing disorders management. The goals of the swallowing evaluation are to obtain a detailed analysis of the patient's oropharyngeal swallowing mechanism, to correlate these findings with the patient's dysphagia symptoms, and to assess effectiveness of therapeutic techniques, which might improve swallow function.

Therapy may include education in compensatory techniques to make swallowing more efficient and to reduce the risk of aspiration, diet modification, and/or instruction in exercises to strengthen and improve the coordination of the swallowing mechanism. Moreover, using VitalStim therapy is helpful for some patients to strengthen muscles responsible for swallowing mechanism.

### *Work & Administrative Experiences:*

**12/9/1992 - 26/11/1992:**

Assigned as practitioner in one of the PHC in Madinah city.

**28/11/1992 - 31/8/1995**

Arab Board Family Medicine postgraduate program candidate

**1/9/1995 - 10/5/1998:**

- \* Family Practitioner in Al-Harra Alsharqia PHC. In addition, I was assigned as General Assistant Supervisor in Postgraduate program of Family Medicine in Al-Madinah and as a Director of Al-Harra Alsharqia PHC.



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- \* I practiced at Assalam PHC then at Al-Harra alsharqia PHC.
- \* I was charged as Registrar in Postgraduate program of Family Medicine.
- \* I was charged as clinical training supervisor of the Postgraduate program of Family Medicine.
- \* I was charged as chief of coordination committee in postgraduate program of Family Medicine in Al-Madinah region.
- \* Lecturer for Family medicine training program.
- \* Lecturer and trainer for primary care physician and nurses in quality assurance training program in Al-Madinah region.
- \* Participated as a lecturer in continues medical education in Al-Madinah region.
- \* Membership in Saudi Society of Family and community medicine.

### 20/5/1998 -13/11/1999

- \* Family Medicine Practitioner in King Faisal Hospital at Makkah city.
- \* Medical Record system supervisor in King Faisal Hospital at Makkah.

### 4/12/1999 - 24/5/2000

- \* Medical Informatics and computer system supervisor in Alnoor Specialist Hospital.

### 27/5/2000 - 14/3/2001

- \* Computer system network supervisor in Ministry of Health Affair at Makkah city.
- \* Trainer for computer system applications in Ministry of Health Affair at Makkah city.
- \* Designer for Ministry of Health Affair web site.

### 15/3/2001 – 29/7/2003:

- \* Family Medicine specialist in Alnoor Special Hospital at Makkah city.
- \* Medical Informatics Technology Center supervisor in Alnoor Specialist Hospital, where I could take care of the following:
  - \* Gap analysis with the programmers to upgrade the hospital information system (HIS) program in the hospital to achieve the vision and concept of electronic medical record or computerized based patient record.
  - \* ICD-10 coding supervisor in Alnoor Specialist Hospital, which was granted the permission and authorization to use ICD-10 in its mortality and morbidity cases from World Health Organization (WHO).
- \* Assigned as a director deputy of health sectors websites supervisor committee in Makkah region.

### 26/8/2003 - 27/5/2006

- \* I had been granted a master degree in Speech-Language Pathology from San Jose State University in California, USA.

### 1/7/2006 - 15/7/2007

- \* I completed my clinical fellowship year in Speech-Language Pathology at the Center for Speech, Language, and Occupational Therapy incorporation.



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- \* I had been awarded the Certificate of Clinical Competence in Speech Language Pathology from American Speech-Language-Hearing Association.
- \* I completed the advanced training course in FEES: A procedure for Oropharyngeal Dysphagia Evaluation and Therapy.
- \* I had been certified as a VitalStim Therapy Provider.

### 7/8/2007 - 30/10/2008

- \* Supervisor of the postgraduate, education, and research center at Alnoor Specialist Hospital, Makkah.

### 4/11/2007 - 30/10/2008

- \* Chairman of continuous medical education committee at Alnoor Specialist Hospital, Makkah
- \* Chairman of Makkah region information technology council.

### 3/11/2008 - 27/1/2009

- \* Health Informatics General Supervisor in General Directorate Health Affair at Makkah Region.

### *Skills:*

- \* I have an experience in using computer technology in multiple purposes and in applying it in my medical practice.
- \* I had designed the Medical or Health records according to the problem oriented medical record (P.O.M.R) system in Primary Health Care Training Clinics of Family Medicine graduate program.
- \* I am capable in applying clinical pathways based on evidence.
- \* I had designed Clinical program software by MS Access application under windows (Computerized based patients record); I am using this program in my clinic.
- \* I designed a personal website [www.hani-shaker.com](http://www.hani-shaker.com), which is about Medical Speech & Swallowing Disorders.

### *Training courses:*

- 1) Participation in Quality Assurance course for trainers in PHC in the period July 2-4, 1996.
- 2) Participation in Hajj season common diseases and Intensive care cases course in the period Feb 6-16, 1999. In King Faisal Hospital in Makkah.
- 3) Assigned as organizer and participant in the Research methodology course held in Crown plaza - Jeddah from May 31- June 6, 2000.
- 4) Attending training courses in Oracle/SQL for 30 hours and Oracle developer2000 for other 30 hours in the period September 9-28, 2000, Jeddah, Saudi Arabia.
- 5) Participation as a coordinator and lecturer in introductory course in ICD-10, which is held on May 17, 2003 in Alnoor Specialist Hospital.



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- 6) Attendance and participation in SCERTS implementation training; determining educational objectives and education programming for children with Autism Spectrum Disorders, which held on June 23-24, 2006 in Monterey city, California.
- 7) Attending and completing FEES: A procedure for Evaluating Oropharyngeal Dysphagia, which held on July 13-14, 2006 at UCSF Mount Zion Medical Center, Department of Otolaryngeal Voice and Swallowing Center, San Francisco, California.
- 8) Certificate of completion Fluency Master Clinician Training course. Provided by National Association for Speech Fluency, NY, USA on September 29, 2006
- 9) Attending and completing FEES: A procedure for Evaluating Oropharyngeal Dysphagia, which held on October 5-7, 2006 at UCSF Mount Zion Medical Center, Department of Otolaryngeal Voice and Swallowing Center, San Francisco, California.
- 10) Completed certification as a VitalStim Therapy Provider, which held on March 24-25, 2007 at San Francisco, California.
- 11) Attending a study and review course of Certified Professional in Healthcare Quality (CPHQ) in the period June 7-18, 2008.
- 12) Attending and participating in workshop and training course of the Principles and planning methods for the man power requirements, this held on April 24-28, 2010 at Tulip Inn Hotel, Riyadh, Saudi Arabia.
- 13) Attending activity entitled “The 4<sup>th</sup> Training Forum for Development of Human Resources in the Health Field, which held on May 09-10, 2011 at Makkah Grand Coral Hotel, Makkah, Saudi Arabia.
- 14) Participant as a speaker in ENT Basic Course, which held on October 01-26, 2011 at King Fahad Medical Research Center, Jeddah, Saudia Arabia.
- 15) Participant as a speaker in Critical Thinking Course, which held on January 10, 2012 at Alnoor Specialist Hospital, Makkah city, Saudi Arabia.

### *Conference, Workshop participation and attendance:*

- 1) Diabetic diseases symposium in Ohod hospital in Al-Madinah in the period Jan 7, 1992.
- 2) Symposium for Family & Community Medicine graduation program in Almadinah in the period 30 March – April 1, 1993
- 3) Saudia American Symposium for Surgery & Pediatrics in Jeddah & Madinah National Hospitals in the period April 9-14, 1994.
- 4) Attendance in Prevention and treatment of chronic diseases symposium in period June 19-20, 1994.
- 5) Curative Services in PHC in AlKhubar in the period Oct. 25-26, 1994.
- 6) The second scientific conference of the Saudi Society of Family & Community Medicine in Almadinah in the period March 27-29, 1995
- 7) Improving the services method in PHC in Riyadh in the period June 1-2, 1996.
- 8) The Third scientific Conference of The Saudi Society of Family & Community Medicine in Riyadh in the period March 2-4, 1997.
- 9) Endocrinology update symposium in King Fahad Hospital in the period March 5-6, 1997





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- 28) Contributing as a speaker in Hong Kong Community Healthcare and Healthcare Management Forum, which held on January 13-14, 2012 at Harbour Plaza 8 degree Hotel in Hong Kong.
- 29) Attending in the Fourth Conference of Voice & Swallowing Disorders (Updates in Phonosurgery), which was held on February 20-22, 2012 at King Khalid University Hospital, Riyadh, Saudia Arabia.

### **Researches:**

Shaker, H. A., & Farooq, M. U. (2010). Usability Evaluation of Paper-based “Hajji” Health Record Format. *Journal of medical systems*. doi: 10.1007/s10916-010-9549-1.



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