



INTERNATIONAL MEDICAL  
INTERPRETERS ASSOCIATION  
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## Medical Terminology Boot Camp

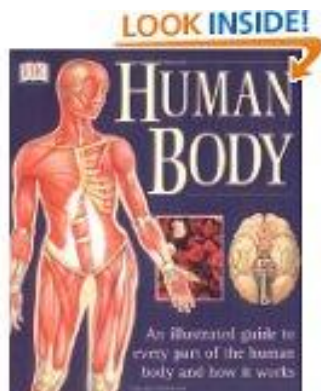
Friday, April 29, 2011  
8:00am - 6:00pm  
Sunrise Best Western Hotel  
Redondo Beach, California

This session offers an introduction to the fundamental aspects of biomedicine, with focus on key concepts and common problems encountered in medical practice. The students will acquire the essential knowledge of the basic components of medical terminology. The individual organ systems and their diseases are considered in a systematic manner, with emphasis on the more common and important diseases. Basic anatomy (structure), physiology (function), pathology (diseases), and principles of diagnosis and treatment are discussed. Newer diagnostic procedures and methods of treatment are emphasized. In this way, the session establishes a supporting knowledge that can encourage more independent and active learning.

### Learning Objectives:

- Explain the approach that a practitioner uses to make a diagnosis and decide on a patient's treatment.
- Identify basic signs and symptoms of disease.
- Learn and recognize word roots, prefixes, and suffixes used in medical language.
- Recognize different medical specialties and specialists.
- Explain the structures and functions involved in the main body systems.
- Define the common terms used to describe pain.
- Describe the various types of diagnostic tests and procedures that can help the practitioner in making a diagnosis and deciding on proper treatment.

### Textbook:



### HUMAN BODY

**An Illustrated guide to every part of the human body and how it works.**

Baggaley, Ann. Dorling Kindersley Publishing, Inc. New York, New York. First edition 2001. (*This small book will be given to each participant*)

## Curriculum:

### 1. From 8:00 am to 12:00 pm

- Healthcare system overview (class discussion)
- Doctor's critical thinking. (presentation of a clinical case)
- Basic scheme of the medical session (play: a wrong diagnosis)
- Introduction to disease's signs and symptoms (pain questionnaire)
- Word building from Greek and Latin roots (activity: flashcards)
- Medical Specialties

### 2. From 12:00 pm to 2:00 pm: Lunch Break

### 3. From 2:00 pm to 5:45 pm

- **Circulatory System:**
  - a) Anatomy
  - b) Physiology
  - c) Most common disorders
    - i. Definition
    - ii. Symptoms and signs
    - iii. Diagnostic test
    - iv. Medical procedures
    - v. Prognosis
    - vi. Treatment
    - vii. Greek and Latin roots related to the system (power point, flashcards)
- **Respiratory System:**
  - a) Anatomy
  - b) Physiology
  - c) Most common disorders
    - i. Definition
    - ii. Symptoms and signs
    - iii. Diagnostic test
    - iv. Medical procedures
    - v. Prognosis
    - vi. Treatment
    - vii. Greek and Latin roots related to the system (power point, flashcards)

Activity: Play : 15 question diagnosis

- **Digestive System:**
  - a) Anatomy
  - b) Physiology
  - c) Most common disorders
    - i. Definition
    - ii. Symptoms and signs
    - iii. Diagnostic test
    - iv. Medical procedures
    - v. Prognosis
    - vi. Treatment
    - vii. Greek and Latin roots related to the system (power point: flashcards)

- **Endocrine System:**
  - a) Anatomy
  - b) Physiology
  - c) Most common disorders
    - i. Definition
    - ii. Symptoms and signs
    - iii. Diagnostic test
    - iv. Medical procedures
    - v. Prognosis
    - vi. Treatment
    - vii. Greek and Latin roots related to the system (power point: flashcards)
  
- **Urinary & Reproductive Systems:**
  - a) Anatomy
  - b) Physiology
  - c) Most common disorders
    - i. Definition
    - ii. Symptoms and signs
    - iii. Diagnostic test
    - iv. Medical procedures
    - v. Prognosis
    - vi. Treatment
    - vii. Sexually transmitted diseases
    - viii. Greek and Latin roots related to the system (power point: flashcards)

Activity: Identify the body parts. Students play a game of medical terminology trivia "Jeopardy!" as a model.

- **General review of session**

#### **4. From 5:45pm to 6:00 pm: Trainer evaluation**

**About the Presenter:****Yadira Willimann, MD**

Yadira Willimann, MD, holds a medical degree from the University of Veracruz in Mexico where she worked as an emergency and outpatient care physician in a hospital for the underprivileged, gaining ample experience as a family physician at the Mexican Social Healthcare Institute (IMSS). Dr. Willimann holds a “Bridging the Gap” certificate by Glades Initiative in Belle Glade, Florida as well as the Spring Institute for Intercultural Learning in Denver, Colorado. For the last three years Dr. Willimann has trained more than 250 interpreters, students, health care providers, social workers and other members of the community through the Glades Initiative, Inc.’s Medical Interpreter Training Connecting Worlds. As a speaker for the American Heart Association within the programs “Go Red for Women” and “Search Your Heart” both programs designed to reach high risk audiences, Dr. Willimann delivered knowledge and action steps to reduce the risk for cardio-vascular disease and stroke to many women and families and taught them how to live a healthy life style through physical activity and nutrition. Dr. Willimann’s medical background, her involvement with the community, her language skills and experience in multicultural environments, and especially her passion for teaching make her an outstanding trainer for IMIA’s “Medical Terminology Boot Camp”.

**Teaching Approach:**

The main objective of this session is to analyze in relative depth the themes above mentioned in order for you to acquire a sound understanding of medical terminology, the body system’s organs and their functions, medical procedures, and the most common and important diseases associated to each system. The content of this session is designed in a way to keep your attention. Each section has a length of two and a half hours, with small breaks of 10 to 15 minutes, and 1 hour for lunch. There is an activity associated to each section.

***This is an interactive class:*** During the session’s activities, the class will be divided into small groups of three or four to work together and discuss their observations in group.

Cost: \$100 for IMIA members \$160 for non-members payable upon registration.