

## Different Field of Medical Specialization

The job of a doctor (also called as physician or medical practitioner) are Prognosis, Diagnosis, Treatment of Ailment and Prevention from Illness via medication or surgery.

Our body is a very complex system, with several physiological systems and organs to maintain proper functionality. It is very unlikely for a single physician to master all these organs and therefore treat all the ailments associated to them. Therefore over the years, with the advancement of medical science, several specializations have evolved to provide more focused and dedicated health care system.

Here, we will discuss all the well-known and dedicated medical specializations that are there to acquaint ourselves and look for the right type of physician in case of a need arises. However, the disclaimer is that the list is extensive but not exhaustive, as newer specializations are coming up with further advancements.

We have listed 50 medical specializations along with the specific ailment-type they cater to.

Sr. No.	Specialization	Specialized Field
1	General Medicine	Specialization in General Medicine (more than covers the entire body excluding maxo-facial and eye)
2	General Surgery	Specialization in General Surgery
	Otorhinolaryngology	Specialization dealing with the surgical and medical management of conditions of the head and neck
3	Internal Medicine	Similar to general medicine, with the difference that this only caters to adult patients only. Specialization in prevention, diagnosis, and treatment of internal diseases
4	Immunology	Specialization in immune systems in the body and antigenantibody allergic reactions
5	Critical Care Medicine	Specialization in critically ill patients with life-threatening conditions
6	Infectious Diseases	Specialization in diagnosis and treatment of complex infections.
7	Clinical Pharmacology	Specialization in science of drugs and therapeutics (their composition and uses and effects)
8	Anaesthesiology	Specialization in applying anaesthetics
9	Radiology	Specialization in usage medical imaging to diagnose and treat diseases within the bodies
10	Sonology	Specialization in practice of medical ultrasonography to diagnose diseases and conditions.
11	Biochemistry	Specialization in the structure, composition, and chemical reactions of substances in living systems.
12	Virology	Specialization in viruses and viral diseases
13	Bacteriology	Study of bacteria
14	Oncology	Specialization in treatment of tumours and cancer
15	Teratology	Specialization in human congenital abnormalities
16	Geriatric medicine	Specialization in health care of elderly people.[
17	Epidemiology	Specialization in transmission and control of epidemic disease
18	Communicative Diseases	Specialization in communicative and contagious diseases
19	Dermatology	Specialization in the skin and its diseases
20	Trichology	Specialization in the diseases of hair and scalp

21	Psychiatry	Specialization in the diagnosis and treatment of mental disorders
22	Neurology	Specialization in the nervous system - its diseases and treatment
23	Otolaryngology (ENT)	Specialization in ear, nose and throat
24	Otology	Specialization in ear and hearing
25	Rhinology	Specialization in anatomy, physiology and diseases of the nose and the para-nasal sinuses
26	Ophthalmology	Specialization in the eye and its diseases
27	Cardiology	Specialization in the heart and its diseases
28	Pulmonology	Specialization in diseases of the lungs and respiratory tract
29	Angiology	Specialization in diseases of the circulatory system and of the lymphatic system
30	Haematology	Specialization in diseases of the blood and blood-forming organs
31	Endocrinology	Specialization in dealing with the endocrine system, its diseases, and its specific secretions known as hormones.
32	Gastroenterology	Specialization in the gastrointestinal tract and its diseases, oesophagus, stomach, small intestine, colon and rectum, pancreas, gallbladder, bile ducts and liver.
33	Hepatology	Specialization in liver, gallbladder, biliary tree, and pancreas as well as management of their disorders.
34	Diabetology	Specialization in diagnosis and treatment of diabetes.
35	Pediatrics	Specialization in the treatment of infants and children
36	Obstetrics	Specialization in childbirth and care of the mother
37	Sexology/Venereology	Specialization in human sexuality - its disorders and treatment and treatment of sexually transmitted diseases.
38	Gynecology	Specialization in the diseases and hygiene and reproductive system of women
39	Andrology	Specialization in male reproductive organs
40	Nephrology	Specialization in kidney - its development and anatomy and physiology and disorders
41	Urology	Specialization in urinary-tract system
42	Osteopathy/ Orthopedy	Specialization in disorders or deformities of the spine and joints and bones
43	Rheumatology	Specialiation in diagnosis (detection) and treatment of musculoskeletal disease
44	Arthrology	Specialization in joints
45	Syndesmology	Specialization in joints and ligaments
46	Myology/ Sarcology	Specialization in muscles' related ailments
47	Sports Medicine	Specialization in Sports related injuries and treatment
48	Dentistry	Specialization in Dental Health
49	Odontology	Study of teeth and gums
50	Veterinary science	Specialization in prevention, control, diagnosis and treatment of disease, disorder and injury in animals