**Introduction to disease and therapy module**

Introduction to pathology

Wound healing

Cell injury: practical aspect

Introduction to neoplasia

Cancer epidemiology

Molecular basis of cancer: Carcinogenesis

Molecular basis of cancer:

Transformed cell and etiology of cancer

Immune evasion and tumor’s grading and staging

Benign and malignant tumors:macroscopic findings

Benign and malignant tumors:microscopic findings

Clinical aspects of tumors

Laboratory diagnosis

**Cardiovascular module**

Atherosclerosis

Ischemic heart disease

Hypertension

Diseases of cardiac muscle

Valvular Heart Disease

Vasculitis

Vascular tumors

Aneurysms and Dissections

Heart failure

Non neoplastic Diseases of heart and B.V

Tumors of heart and B.V