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| Focus area in Endocinology 1)Diabetes: a) screening and diagnosis  b) complications  c) treatment 2)Thyroid disorders:  1. Thyroid tests 2. Hypothyroidism 3. Hyperthyroidism 4. Thyroid nodule and goiter 5. Thyroid cancers  3)Adrenal disorders:  1. Cushings syndrome 2. Endocrine hypertension 3. Adrenal incidenthaloma 4. Adrenal insufficiency  4)Bone metabolic disorders:  1. Osteoporosis 2. Hyper and hypoparathyroidism 3. Vitamin D deficiency  5)Pituitary disorders:  1. Hyperprolactinemia 2. Acromegaly 3. DI and SIADH  6)Sex disorders:7)Polyendocrine and neoplastic disorders FOCUS AREAS In Nephrology 1)Acute kidney injury2)Chronic Kidney Diseases3)Aging of the kidney4)Dialysis: a) Hemodialysis  b) Peritoneal Dialysis  5)Kidney Transplantation:  a) Cadaveric  b) Living (related, Unrelated)  c) Kidney & Pancreas Transplantation  d) Liver & Kidney Transplantation 6)Hypertension7)Inherited kidney diseases a)Glomerular Diseases  b)polycystic kidney disease (PKD)  c)Interstitial Nephritis  d)Kidney stone diseases 8)Electrolyte Disturbances a) Hyponatremia  b) Hypernatremia  c) Hypokalemia  d) Hyperkalemia  Focus area in rheumatology 1) Connective Tissue Diseases a)Rheumatoid Arthritis  b)Systemic Lupus Erythematosus  c)Sjogren's Syndrome  d)Ankylosing Spondylitis  e)IgG4 related Diseases  f)Vasculitis Syndromes  g)Anti- Phospholipid Syndrome  h)Inflammatory Myopathies  i)Behcet Syndrome  j)Sarcoidosis  k)Systemic Sclerosis 2) Non inflammatory Diseases -Osteoarthritis 3) Metabolic Diseases -Osteoporosis  Focus area in Gastroenterology 1)Gi cancer a)Colorectal cancer  a1)Colorectal cancer screening  a2)Hereditary colorectal cancer  Gastric cancer 2)Liver transplant3)Gi endoscopic: a)ERCP  b)EUS  c)Advance endoscopy and colonoscopy 4)Gi disease: a)Celiac disease  b)Peptic ulcer  c)Inflammatory bowel disease  d)Non alcoholic fatty liver disease 5)Chronic Hepatitis B Research lines of Adult Hematology and Oncology  1. Anemias.  a. Epidemiology of anemia in the region  b. Novel therapies in Anemia of Inflammation (AI)  2. Coagulation and hemostatic disorders.  3. Hematopoietic stem cell transplantation.  4. Oncology  a. Early detection in cancer  b. Novel therapies in cancer (Hematologic malignancies and Solid tumors)  i. Immunotherapy  ii. Target therapy  c. Minimal Residual disease (MRD) in leukemia’s  5. New therapeutic applications of bone marrow mesenchymal cells.  6. Actionable genetic alteration in oncology  a. Actionable genetic disorders in solid tumors  b. Actionable genetic disorders in hematologic malignancies  7. Hematological and oncological disorders associated with HTLV-1 virus.  a. Epidemiology and ATLL registry in the region.  b. Novel therapies in ATLL  8. Mortality patterns of cancer patients in the region.  9. Cancer treatment in conditions with poor resources.  10. Plasma-therapy in COVID-19.  11. Cancer and COVID-19  a. COVID-19 effects on cancer screening and diagnosis.  b. COVID-19 effects on cancer treatment outcome. |