**Genetic topics**

- Antenatal screening for the detection of Down’s syndrome, Trisomy 18, and open neural tube defects
- Newborn screening for MCAD (medium chain acyl-CoA dehydrogenase) deficiency
- Screening for BRCA1 or BRCA2 gene mutations to evaluate the risk of breast and ovarian cancer
- Newborn screening for sickle cell anemia
- Screening for hereditary hemochromatosis in patients with abnormal ferritin level or abnormal transferrin saturation or in patients with family members with hemochromatosis
- Genotype testing for patients initiating warfarin treatment
- Screening for hypertrophic cardiomyopathy (HCM) in individuals with clinical features or a family history of HCM
- Testing for CDKN2A and CDK4 gene mutations to evaluate the risk of melanoma and the predisposition for pancreatic cancer
- Hereditary colorectal cancer screening in individuals with high risks of colorectal and endometrial cancers
- Genetic testing for factor V Leiden to identify those at an increased risk for venous thromboembolism (VTE)

**General primary care clinical topics**

- Colorectal cancer screening with faecal occult blood test
- Prostate cancer screening with the prostate-specific antigen (PSA) test
- Abdominal aortic aneurysm screening with abdominal ultrasound
- Prevention of strokes with antithrombotic therapy in patients with atrial fibrillation
- Prevention of cardiovascular events with antihypertensive drug in patients over 60 years old presenting essential hypertension
- Prevention of vascular diseases with acetylsalicylic acid (ASA)
- Prevention of cardiovascular diseases with statins in persons with cardiovascular risk factors
- Prevention of osteoporotic fractures with supplements (alendronate, risedronate, etidronate) in postmenopausal women
- Prevention of cervical cancer with the vaccine against human papillomavirus (HPV)
- Antibiotic treatment for patients with exacerbated chronic obstructive pulmonary disease (COPD)
- Treatment of Alzheimer’s disease with cholinesterase inhibitors
- Intensive glycemic control in type 2 diabetes
- Treatment of mild to moderate depression with selective serotonin reuptake inhibitors (SSRIs) or St. John’s wort