

Cardiology Dermatology Diabetes Endocrinology Ear, Nose and Throat (ENT) **Gastroenterology General Medicine General Surgery HIV/Early Intervention Services Infectious Disease Liver Clinic Neurology Neurosurgery/Comprehensive Pain Management Oncology Ophthalmology Orthopedics Orthopedics - Back and Spine Podiatry Pulmonology** Rheumatology **Urology**

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Cardiology

- Cardiology
- Adult transthoracic echocardiography
- Ambulatory electrocardiology monitor interpretation
- Cardioversion, electrical, elective
- Central line placement and venous angiography
- ECG interpretation, including signal average ECG
- Infusion and management of Gp Ilb/IIIa agents and thrombolytic agents and antithrombotic agents
- Insertion and management of central venous catheters, pulmonary artery catheters, and arterial lines
- Insertion and management of automatic implantable cardiac defibrillators
- Insertion of permanent pacemaker, including single/dual chamber and biventricular
- Interpretation of results of noninvasive testing relevant to arrhythmia diagnoses and treatment
- Hemodynamic monitoring with balloon flotation devices
- Non-invasive hemodynamic monitoring
- Perform history and physical exam
- Pericardiocentesis
- Placement of temporary transvenous pacemaker
- Pacemaker programming/reprogramming and interrogation
- Stress echocardiography (exercise and pharmacologic stress)
- Tilt table testing
- Transcutaneous external pacemaker placement
- Transthoracic 2D echocardiography, Doppler, and color flow



Dermatology

- Chemical face peels
- Cryosurgery
- Diagnosis and treatment of skin cancers, moles, and other tumors of the skin
- Electrosurgery
- Excision of benign and malignant tumors with simple, intermediate and complex repair techniques including flaps and grafts
- Interpretation of specially prepared tissue sections, cellular scrapings, and smears of skin lesions by means of routine and special (electron and fluorescent) microscopes
- Management of contact dermatitis, allergic and nonallergic skin disorders, skin manifestations of systemic (including internal malignancy), and infectious diseases
- Management of cosmetic disorders of the skin such as hair loss and scars and the skin changes associated with aging
- Perform history and physical exam
- Scalp surgery
- Sclerotherapy
- Skin and nail biopsy

Diabetes

- Outpatient diabetes specialty clinic appointments for new and established patients
- Inpatient consultations
- Diabetes self-management and nutrition education
- Certified pump trainer available for insulin pump starts
- Video teleconferencing, field visits, blood draws
- Consultation and recommendations provided upon request to regional partners regarding Type 1 and Type 2 diabetes management inclusive of common co morbidities associated with diabetescardiovascular disease, renal disease, and liver abnormalities.

Endocrinology

- Basic laboratory techniques including interpretation
- Interpretation of hormone assays
- Perform and interpret stimulation and suppression tests
- Perform fine needle aspiration of the thyroid
- Perform history and physical exam
- Radiologic measurement of bone density and other tests used in the management of osteoporosis and other metabolic bone diseases
- Radiologic and other imaging studies for diagnosis and treatment of endocrine and metabolic diseases



Ultrasonography of the soft tissues of the neck

Ear, Nose and Throat (ENT)

- All forms of surgery on the auditory canal, the tympanic membrane, and the contents of the middle ear
- Bronchoscophy (rigid or flexible) with biopsy, foreign body removal or stricture dilatation
- Caldwell Luc procedure
- Cervical esophagectomy
- Cryosurgery
- Endoscopic sinus surgery and open sinus surgery
- Endoscopy of the larynx, tracheobronchial tree, and esophagus to include biopsy, excision and foreign body removal
- Esophageal surgery including diverticulectomy, cervical esophagectomy
- Esophagoscopy (rigid or flexible) with biopsy, foreign body removal or stricture dilatation
- Excision of skull base tumor
- Excision of tumor ethmoid/cribriform
- Facial plastic surgery, including cosmetic surgery, chemical peel, rhytidectomy, mentoplasty and correction of aural atresia, liposuction, and implantation of autogenous, homologous, and allograft, and repair of lacerations
- Harvesting of ski, fat or bone grafts of the head and neck, hip, trunk and extremities
- Ligation of head and neck vessels
- Lip surgery including lip shave, partial or total resection with primary repair or by local or distant flaps
- Myocutaneous flap (pectorals, trapezius, sternocleidomastoid)
- Otoplasty
- Parathyroidectomy
- Perform history and physical exam
- Radical surgery of the head and neck, including radical neck dissection, and radical excision of the maxillary antrum for tumor
- Ranula excision
- Reconstructive procedure of the upper airway
- Reduction of facial fractures
- Repair of CSF leaks with sinus or mastoid surgery
- Repair of fistulas-oral-antral, oral-nasal, oral-maxillary, oral-cutaneous, pharyngocutaneous, trachea-cutaneous, esophagocutaneous
- Rhinoplasty, septoplasty, turbinate surgery
- Salivary gland and duct surgery, including plastic repair of salivary complex
- Skin grafting procedures, full thickness or split thickness
- Surgery of the larynx, including biopsy, partial or total laryngectomy, fracture repair



- Surgery of the nasopharynx, including septoplasty, surgery on the frontal and maxillary sinuses, and ethmoid sinuses, and surgery of the nasal mucosa and turbinates
- Surgery of the oral cavity, including soft palate, tongue, mandible, composite resection and neck dissection
- Surgery for the oral pharynx, hypo pharynx, arytenoid cartilages and epiglottis
- Surgical removal of teeth in association with radical resection
- Suspension microlaryngoscopy
- Tongue surgery, reduction and local tongue flaps
- Tonsillectomy, adenoidectomy, parotidectomy and facial nerve repair
- Tracheal resection and repair
- Tracheostomy
- Transsternal mediastinal dissectioin
- Tympanoplasty, mastoidectomy and middle ear surgery
- Use of energy sources as an adjunct to privileged procedures
- Cochlear implantation
- Decompression membranous labyrinth cochleosaculotomy, encolymphatic sac operation
- Electrophysiologic monitoring of cranial nerves VII, VII, X, XI, XII
- Excision of glomus tumor
- Interpret imaging techniques of the temporal bone sand lateral skull base
- Labyrinthectomy
- Middle/post fossa skull base surgery
- Osseo integrated implants, for auricular prosthesis, for bone anchored hearing aid
- Petrous apiectomy plus radical mastoid
- · Reconstruction congenital aural atresia
- Repair fistula (OW, RW)
- Resection CP angle tumor
- VII nerve decompression
- VII nerve repair/substitution
- VII nerve section
- Accessory-facial nerve transfer
- Blepharoplasty
- Brow lift
- Chemical peel
- Dermabrasion
- Endoscopic facial surgery
- Facial plastic surgery, including cosmetic surgery, chemical peel, rhytidectomy, mentoplasty and correction of aural atresia, liposuction, and implantation of autogenous, homologous, and allograft, and repair of lacerations
- Facial sling procedures
- Hair transplantation, punch or strip
- Hypoglossal-facial nerve transfer



- Implantation of autogenous, homologous, and allograft
- Liposuction or lipo-injection procedure for contour restoration, head and neck; trunk and extremities
- Mentoplasty and correction of aural atresia
- Orthognathic surgery
- Reconstruction aural microtia
- · Reconstruction eyelid, ptosis repair
- Repair of lacerations, scar revision, removal of lesions
- Rhytidectomy
- Upper lid gold weight placement

Gastroenterology

- Argon plasma coagulation (APC)
- Biliary tube/stent placement
- Biopsy of the mucosa of esophagus, stomach, small bowel, and colon
- Breath test performance and interpretation
- Colonoscopy with or without polypectomy
- Diagnostic and therapeutic EGD
- Endoscopic mucosal resection
- Endoscopic Retrograde Cholangiopancreatographies (ERCP)
- Enteral and parenteral alimentation
- Esophageal dilation
- Esophageal or duodenal stent placement
- Esophagogastroduodenoscopy to include foreign body removal, stent placement, or polypectomy
- Flexible sigmoidoscopy
- · Gastrointestinal motility studies and 24 hour pH monitoring
- Interpretation of gastric, pancreatic, and biliary secretory tests
- Nonvariceal hemostasis (upper and lower)
- Percutaneous liver biopsy
- Perform history and physical exam
- Proctoscopy
- Sengstaken/Minnesota tube intubation
- Snare polypectomy
- Ultrasound, including endoscopic ultrasound and fine needle aspiration
- Variceal hemostasis (upper and lower)



General Medicine

- Abdominal paracentesis
- Arthrocentesis and joint injections
- Excision of skin and subcutaneous tumors, nodules, and lesions
- I % D abscess
- Insertion and management of central venous catheters and arterial lines
- Local anesthetic techniques
- Perform simple skin biopsy or excision
- Interpretation of electrocardiograms
- Thoracentesis

General Surgery

- Abdominal resection
- Amputations, above the knee, below the knee; toe, transmetatarsal, digits
- Anoscopy
- Appendectomy
- Breast: complete mastectomy with or without axillary lymph node dissection; excision of breast lesion, breast biopsy, incision and drainage of abscess, modified radical mastectomy, operation for gynecomastia, partial mastectomy with or without lymph node dissection, radical mastectomy, subcutaneous mastectomy
- Circumcision
- Colectomy (abdominal)
- Colon surgery for benign or malignant disease
- Colotomy, colostomy
- Correction of intestinal obstruction
- Drainage of intra abdominal, deep ischiorectal abscess
- Emergency thoracostomy
- Endoscopy (intraoperative)
- Enteric fistulae, management
- Enterostomy (feeding or decompression)
- Esophageal resection and reconstruction
- Distal esophagogastrectomy
- Excision of fistula in ano/fistulotomy, rectal lesion
- Excision of pilonidal cyst/marsupialization
- Excision of thyroid tumors
- Excision of thyroglossal duct cyst
- Gastric operations for cancer (radical, partial, or total gastrectomy)
- Gastroduodenal surgery



- Gastrostomy (feeding or decompression)
- Genitoutinary procedures incidental to malignancy or trauma
- Gynecological procedure incidental to abdominal exploration
- Hepatic resection
- Hemodialysis access procedures
- Hemorrhoidectomy, including stapled hemorrhoidectomy
- Incision and drainage of abscesses and cysts
- Incision and drainage of pelvic abscess
- Incision, excision, resection and enterostomy of small intestine
- Incision/drainage of debridement, perirectal abscess
- Insertion and management of pulmonary artery catheters (determine core or noncore)
- IV access procedures, central venous catheter, and ports
- Laparoscopy, diagnostic, appendectomy, cholecystectomy, lysis of adhesions, mobilization and catheter positioning
- Laparotomy for diagnostic or exploratory purposes or for management of intra-abdominal sepsis
 or trauma
- Liver biopsy (intraoperative), liver resection
- Management of burns
- Management of intra-abdominal trauma, including injury, observation, paracentesis, lavage
- Management of multiple trauma
- Management of soft-tissue tumors, inflammations and infection
- Operations on gallbladder, biliary tract, bile ducts, hepatic ducts, including biliary tract reconstruction
- Pancreatectomy, total or partial
- Pancreatic sphrincteroplasty
- Parathyroidectomy
- Perform history and physical
- Peritoneal venous shunts, shunt procedure for portal hypertension
- Peritoneovenous drainage procedures for relief or ascites
- Proctosigmoidoscopy, rigid with biopsy, with polypectomy/tumor excision
- Pyloromyotomy
- Radical regional lymph node dissections
- Removal of ganglion (palm or wrist, flex or sheath)
- Repair of perforated viscus (gastric, small intestine, large intestine)
- Scalene node biopsy
- Sclerotherapy
- Selective vagotomy
- Sentinel lymph node biopsy
- Sigmoidoscopy, fiberoptic with or without biopsy, with polypectomy
- Skin grafts (partial thickness, simple)
- Small bowel surgery for benign or malignant disease



- Splenectomy (trauma, staging, therapeutic)
- Surgery of the abdominal wall, including management of all forms of hernias, including diaphragmatic hernias, inguinal hernias, and orchiectomy in association with hernia repair
- Thoracentesis
- Thoracoabdominal exploration
- Thyroidectomy and neck dissection
- Tracheostomy
- Transhiatal esophagectomy
- Tube thoracostomy
- Vein ligation and stripping

HIV/Early Intervention Services

- Medical management of HIV patients, intensive care management and care coordination, referrals for social services
- Arrange transport to medical appointments
- Track immunization and screening needs
- Risk reduction counseling
- HIV-partner counseling and testing and pre-exposure prophylaxis as appropriate
- Pharmacy consultation
- Consultation and case management for primary care providers across the state (beneficiary and non-beneficiary)

Infectious Disease

- Administration of antimicrobial and biological products via all routes
- Application and interpretation of diagnostic tests
- Aspiration of superficial abscess
- Interpretation of Gram's stain
- Lumbar puncture
- Management, maintenance, and removal of indwelling venous access catheters
- Perform history and physical exam

Liver Clinic

- Outpatient liver specialty clinic appointments
- Liver biopsies
- Inpatient consultations



• Diagnostic support and liver disease information to rural providers

Neurology

- Lumbar puncture
- Perform history and physical exam
- Performance and interpretation of Electromyograph Evaluation (EMG)
- Nerve conduction studies

Neurosurgery/Comprehensive Pain Management

- Neurosurgery and Pain Management consultation, evaluation and surgical intervention. We
 prescribe narcotics for pain control only for one month following surgery. All routine pain
 management is done by the patients PCP.
- Procedure/OR, neurosurgeons do general neurosurgery surgeries at ANMC, craniotomies and complex neuro cases are referred to Swedish Neuroscience in Seattle. Pain management provider will do some procedures such as ESIs and block in the day surgery suite.
- Inpatient, provide inpatient services after surgery and on a consult basis
- Diagnostic/technical-imaging studies are done in ANMC radiology, or referred out to Alaska Spine for some studies not available at ANMC
- Rehabilitation cases are sent to Alaska Regional for rehab

Oncology

- Administration of chemotherapeutic agents and biological response modifiers through all therapeutic routes including intrathecial injections
- Assessment of tumor imaging by computed tomography, magnetic resonance, PET scanning, and nuclear imaging techniques
- Complete blood count, including platelets and white cell differential, by means of automated or manual techniques
- Diagnostic lumbar puncture
- Management and maintenance of indwelling venous access catheters
- Perform history and physical exam
- Performance of bone marrow aspirates and biopsies
- Serial measurement of tumor masses
- Therapeutic thoracentesis and paracentesis



Ophthalmology

- A- and B-mode ultrasound examination
- Anterior limbal approach or pars plana automated vitrectomy
- Conjunctiva surgery, including grafts, flaps, tumors, pterygium, pinguecula
- Corneal surgery, including diathermy, traumatic repair, keroplasty, keratotomy, transplant and refractive surgery
- Corneal/scleral laceration repair
- Cryotherapy for ciliary body for uncontrolled painful glaucoma
- Glaucoma surgery with intraoperative/postoperative antimetabolite therapy, primary trabeculectomy surgery
- Glaucoma, reoperation, Seton/tube surgery
- Injection of intravitreal medications
- Intra and extracapsular cataract extraction with or without lens implant, or phacoemulsification
- Laser peripheral iridotomy, trabeculoplasty, pupilo/gonioplasty, suture lysis; pan-retinal photocoagulation, macular photocoagulation, repair of retinal tears, capsulotomy, cyclophotocoagulation, sclerostomy, lysis
- Lid and ocular adnexal surgery, including plastic procedures, chalazion, ptosis, repair of malposition, repair of laceration, blepharospasm repair, tumors, flaps, enucleation, evisceration lacrimal sac mass, probing and irrigation, balloon dacryoplasty
- Orbit surgery, including removal of the globe and contents of the orbit, exploration by lateral orbitotomy, exenteration, blowouts, rim repairs, tumor and foreign body removal
- Perform history and physical exam
- Removal of anterior and posterior segment foreign body
- Retrobulbar or peribulbar injections for medical delivery or chemical denervation for pain control
- Strabismus surgery
- Use of local anesthetics and parenteral sedation for ophthalmologic conditions

Orthopedics

- Amputation surgery including immediate prosthetic fitting in the operating room
- Arthrocentesis, diagnostic
- Arthrodesis, osteotomy and ligament reconstruction of the major peripheral joints, excluding total replacement of joint
- Arthrography



- Arthroplasty of large and small joints, wrist or hand, including implants
- Arthroscopic surgery
- Autologous Chondrocyte implantation
- Balloon Kyphoplasty
- Biopsy and excision of tumors involving bone and adjacent soft tissues
- Carpal tunnel decompression
- Closed reduction of fractures and dislocations of the skeleton
- Debridement of soft tissue
- Detecting tumors through various imaging techniques, including x-ray, magnetic resonance imaging, and bone scan procedures
- Excision of soft tissue/bony masses
- Fasciotomy and fasciectomy
- Fracture fixation including use of compression plates or wires
- Growth disturbances such as injuries involving growth plates with a high percentage of growth arrest, growth inequality, epiphysiodesis, stapling, bone shortening or lengthening procedures
- Ligament reconstruction
- Major arthroplasty, including total replacement of knee joint, hip joint, shoulder
- Management of infectious and inflammations of bones, joints and tendon sheaths
- Minimally invasive total hip and knee arthroplasty
- Muscle and tendon repair
- Nerve graft
- Neurorrhaphy
- Open and closed reduction of fractures
- Open reduction and internal/external fixation of fractures and dislocations of the skeleton
- Percutaneous vertebroplasty
- Perform history and physical exam
- Perform biopsies for diagnosis
- Reconstruction of nonspinal congenital musculoskeletal anomalies
- Removal of ganglion (palm or wrist; flexor sheath)
- Repair of lacerations
- Repair of rheumatoid arthritis deformity
- Skin grafts
- Tendon reconstruction (free graft, staged)
- Tendon release, repair and fixation
- Tendon transfers
- Total joint replacement revision
- Total joint surgery
- Treatment of extensive trauma, including spine
- Tumor resection with local treatment
- Arthroplasty of large and small joints, wrist or hand, including implants
- Bone graft pertaining to the hand



- Carpal tunnel decompression
- Frasciotomy and fasciectomy
- Fracture fixation with compression plates or wires
- Microvascular procedures on extremities
- Nerve graft
- Neurorrhaphy
- Open and closed reductions of fractures
- Perform history and physical exam
- Removal of soft tissue mass, ganglion palm or wrist, flexor sheath, etc.
- Repair of lacerations
- Repair of rheumatoid arthritis deformity
- Skin grafts
- Tendon reconstruction (free graft, staged)
- Tendon release, repair and fixation
- Tendon transfers
- Treatment of infections

Orthopedics - Back and Spine

- Anterior and posterior cervical, thoracic, and lumbar spinal decompressions and fusions (including the sacrum)
- Assessment of the neurologic function of the spinal cord and nerve roots
- Artificial disc replacement (ADR)
- Debridements of the cervical, thoracic, and lumbar spines
- Discectomies of the cervical, thoracic, and lumbar spine
- Endoscopic minimally invasive spinal surgery
- Interpretation of imaging studies of the spine
- Laminectomies, laminotomies, and fixation and reconstructive procedures of the spine and its contents including instrumentation
- Lumbar puncture
- Management of traumatic, congenital, developmental, infectious, metabolic, degenerative, and rheumatologic disorders of the spine
- Perform history and physical exam
- Scoliosis and kyphosis instrumentation
- Spinal instrumentation of the cervical, thoracic, and lumbar spine (including the sacrum and pleyis)
- Treatment of extensive trauma



Podiatry

- Soft-tissue surgery involving a nail or plantar wart excision
- Avulsion of toenail
- Excision or destruction of nail matrix
- Removal of superficial foreign body
- Treatment of corns and calluses
- Order and interpret diagnostic tests related to podiatric patients
- Apply or prescribe foot appliances, orthotics, shoe modifications, and special footwear
- Write prescriptions for medications commonly used in practice of podiatry

Pulmonology

- Outpatient services for all pulmonary pathology
- OR Bronchoscopy, Endobronchial Ultrasound Bronchoscopy
- Thoracentesis
- Inpatient services upon consultation
- If indicated by the provider, we will coordinate necessary diagnostic testing at ANMC or in conjunction with outlying clinics

Rheumatology

- Administration of chemotherapy
- Diagnostic aspiration and analysis by light and compensated polarized light microscopy of synovial fluid
- Performance of history and physical exam
- Interpretation of bone and joint imaging techniques; bone density measurements;
 electromyograms, nerve conductions studies, muscle/nerve biopsy; therapeutic injection of diarthrodial joints, bursae, tenosynovial structures, and enthuses

Urology

- Full range of urology services for all benign and malignant conditions that affect the genitourinary tract in males and the urinary tract in females
- Comprehensive urologic services for pediatric and adult patients of all ages