**ABGD EXAMINATION CONTENT LIST**

**Operative**

* Diagnosis and treatment planning
* Dental anatomy and biology
* Dental instrumentation and equipment
* Preventive dentistry
* Cariology
* Isolation and gingival management techniques
* Direct restorations
  + Preparation principles and techniques
  + Restorative techniques
* CAD/CAM restorations
  + Preparation principles and techniques
  + Design
  + Scanning
  + Milling
  + Processing
* Vital and non-vital bleaching
* Esthetics
* Finishing and polishing
* Dental materials
  + Composite resins
  + Glass ionomers, resin-modified glass ionomers
  + Ceramics
  + Ion-releasing
  + Topical disinfectants
  + Etchants/conditioners
  + Adhesives

**Prosthodontics**

* Diagnosis and treatment planning
* Dental instrumentation
* Fixed Dental Prostheses
  + Tooth-supported fixed restorations
  + Biomechanical principles
  + Tooth preparation principles and techniques
  + Components
  + Provisional restorations
  + Laboratory procedures
  + Veneers
  + RBFDPs
* Removable Dental Prostheses and Complete Dentures
  + Anatomical landmarks
  + Survey and design
  + Mouth preparation
  + Components
  + Impression techniques
  + Provisional restorations
  + Laboratory procedures
  + Fabrication and insertion
* Articulation and occlusion
* Maxillomandibular relations
* Esthetics
* Dental materials
  + Acrylics
  + Metals
  + Denture teeth
  + Ceramics

**Periodontics**

* Diagnosis and treatment planning
* Periodontal anatomy and biology
* Periodontal microbiology
* Periodontal prognosis
* Non-surgical therapy
* Periodontal instrumentation
* Gingival surgical techniques
* Soft tissue grafting techniques
* Osseous surgical techniques
* Esthetics
* Periodontal disease and systemic health
* Chemotherapeutic materials
* Grafting materials
* Membrane materials

**Endodontics**

* Diagnosis and treatment planning
* Pulpal anatomy and biology
* Endodontic microbiology
* Endodontic instrumentation and file systems
* Cleaning and shaping techniques
* Obturation techniques
* Non-surgical therapy
* Apexification and apexogenesis
* Surgical therapy
* Dental trauma
* Management of non-surgical RCT complications
* Tooth fractures
* Chemotherapeutic materials

**Oral and Maxillofacial Surgery (OMS), Orofacial Pain (OFP)**

* OMS diagnosis and treatment planning
* Head and neck anatomy
* Surgical armamentarium
* Surgical principles
* Wound healing
* Exodontia principles
* Management of surgical complications
* Odontogenic infections
* Dentoalveolar trauma
* Neuropathy
* Biopsy procedures and techniques
* OFP and Temporomandibular Disorders diagnosis and treatment planning
* Dental sleep medicine diagnosis and treatment planning
* Oral anxiolysis
* Oral sedation
* Local anesthesia

**Oral Pathology, Oral Medicine**

* Diagnosis and treatment planning
* Developmental defects
* Teeth abnormalities
* Viral, bacterial, and fungal diseases
* Epithelial pathology
* Salivary gland pathology
* Odontogenic cysts and tumors
* Neoplasias
* Bone pathology
* Dermatologic diseases
* Oral manifestations of systemic diseases
* Pharmacology
* Patient evaluation and risk assessment
* Medically-compromised patient management
  + Cardiovascular disease
  + Pulmonary disease
  + Gastrointestinal disease
  + Genitourinary disease
  + Metabolic and endocrine disease
  + Immunologic disease
  + Hematologic disease
  + Oncologic disease
  + Neurological and psychiatric disorders
  + MRONJ
  + ORN
* Geriatrics

**Orthodontics, Pediatric Dentistry, Public Health**

* Diagnosis and treatment planning
* Skeletal and dental classifications
* Cephalometrics
* Facial growth and development
* Mixed dentition space analysis
* Eruption Sequence
* Space maintenance and retainers
* Aligner therapy
* Behavior management
* Primary tooth restorative techniques
* Pulpotomy procedure
* Dental trauma
* Dental materials
* Sterilization and disinfection processes
* Air-, blood-, water-borne pathogens
* Standard precautions
* Infection control techniques
* Epidemiology of oral/systemic diseases

**Implantology, Oral Radiology**

* Diagnosis and treatment planning
* Periimplant anatomy and biology
* Implant surgical principles
* Implant augmentation and grafting techniques
* Implant-supported, fixed restorative principles
* Implant-supported, removable restorative principles
* Biomechanical principles
* Implantitis therapy
* Radiographic principles and techniques
* Intraoral radiography
* Extraoral panoramic radiography
* CBCT radiography
* Radiographic interpretation
* Radiographic pathology

**General**

* The content list is NOT all-inclusive but represents a general overview of specific topics within each discipline which may be examined on both the Written and Oral Examinations.
* For Dental Materials in each discipline, recommend understand the composition, mechanism of action, indications/contraindications, and application of particular materials

**References**

1. Recommend refer to commonly accepted textbooks for foundational knowledge.
2. Recommend refer to each specialties’ journal publication for updated guidelines, techniques, and evidence-based principles.