

Dental Hygiene Clinic/Lab Benchmarks & Experiences

This document shows the required experiences to achieve clinical and laboratory competency. These are the minimum number of experiences and do not solely fulfill any individual course requirements.

SOPHOMORES

Clinic Competencies

	FALL	SPRING	SUMMER
Total # Patients Completed	N/A	N/A	10 Clinic Experiences Number of Completed Patients Varies
Rotations	N/A	N/A	Assisting

Laboratory Benchmarks (Radiology)

	FALL	SPRING
Radiology (Lab)	1 Horizontal BWs (PSP)	2 FMX with Horizontal BWs (sensor using XCP instrument)
	1 FMX (sensor)	1 FMX with vertical BWs (PSP using XCP instrument)
	Basic Anatomy Interpretation	Bisecting angle/1/2 FMX PSP, 1/2 FMX Sensor
	Caries/perio/radiographic interpretation	Paralleling/half FMX PSP, half FMX sensor
		Panoramic

JUNIORS

Clinical Experiences

	FALL	SPRING	SUMMER
Total # patients completed	16	15	*8 week rural health rotation (75-300 patients & 4 community outreach experiences)
Test Case Patients	2 Calculus Class \geq 1.0 One handscale only	2 Calculus Class \geq 1.5 One handscale only	
Magnetostrictive ultrasonic	2	3	
Piezoelectric ultrasonic	2	3	
Sonic	2	N/A	
Guided Biofilm Therapy	2	2	
Subgingival irrigation	5	5	
Fluoride tray	5	5	
Fluoride varnish	5	5	
IntraOral Camera	3	3	
CAESY Software	7	5	
Sealants	Annual Benchmark: 4 sealants May be completed in Pediatric Dentistry		
Tobacco Treatment	Annual Benchmark: TB1/TB2 forms on 1 tobacco patient		
Radiology	Annual Benchmark: 12 sets of Bitewings (4 PSP + 8 Sensor) 15 Periapicals (9 Sensor + 6 PSP) 3 Full Series (at least 2 sensor) 15 Panoramics		
Radiology interpretation	4 sessions to review basic anatomy, caries, periodontal disease, trauma, etc.	N/A	
Instrument exam	N/A	1	
Rotations	Clinical Assistant Urgent Care Pediatric Dentistry Innovation Center Radiology	Clinical Assistant Urgent Care Endodontics Sterilization @ DGP Pediatric Dentistry Innovation Center Radiology	

Junior Laboratory Benchmarks

FALL	SPRING
Manipulation of Gypsum Materials	Endodontic Materials
Manipulation of Alginate Impression Material	Study Model Fabrication
Intraoral Camera Utilization	Periodontal Dressing
Dental Cements, Liners, Bases	Suture Removal
Temporary Restoration	Elastomeric Impressions
Sealants	Temporary Crowns
Silver Diamine Fluoride	Implant Materials
Place, Finish, Polish Composite Restoration	Fabrication of Acrylic Resin Custom Tray
Manipulation of Dental Amalgam	Fabrication of VLC Custom Tray
Hand-sharpening Instruments	Polishing Dentures/Partials
	Fabrication of Mouthguards
	Tofflemire Retainer and Matrix Band
	Place, Finish, and Polish Amalgam Restoration
	Instrument Sharpening with Powered Devices

Clinic-Based Junior Laboratory Benchmarks

FALL	SPRING
Alginate impressions on student partner	Alginate impressions on Student Partner
Oraqix application on student partner	Pulp Vitality Testing on Student Partner
Intraoral camera on student partner	Fabrication of Bleaching Trays on Student Partner
Sealant Placement on Student Partner	Clinic Camera – Bleaching Photos on Student Partner

SENIORS

Clinical Experiences

	FALL	SPRING
Minimum # of patients	31	22 (28-extra clinic)
Severe Periodontitis Stage 3 or 4	4	4
≥ 1.8	2	2
Test Case (≥1.8)	1	2
Magnetorestrictive/ Piezo ultrasonic	3 3	3 3
Fluoride varnish	5	5
Fluoride tray	5	5
Intra oral camera	2	2
Vital bleaching trays	1 per year	
Sealants	4 per year	
Tobacco Treatment	2 per year	
Board Qualifying Calculus Exercise	1	1
Finish/polish amalgams	4 per year	
Radiology	7 FMX per year, 5 utilizing sensors	
	10 Panogram per year	
	10 BWs per year, 8 utilizing sensors	
Anesthesia injections	3 each of Inferior Alveolar, Lingual, Long Buccal, Mental, ASA, MSA, PSA, Infiltration, Greater Palatine, Naso-Palatine (per year)	
Rotations	Practice Management	Practice Management
	Oral Surgery	Oral Surgery
	Pediatric Dentistry	Pediatric Dentistry
	Orthodontics	Clinical Assistant
	West Milford	West Milford
	Clinical Assistant	WVU Dental Group Practice
	Special Needs	Hospital operating room
	WVU Dental Group Practice	Special Needs
	WVU Graduate Prosthodontic	