Digital Dentistry Schoology

MASTERSHIP OF DIGITAL DENTISTRY 2026

One Program. • Three Levels. • Two Tracks.

2026 MASTERSHIP

FULL-ARCH REHABILITATION MASTERY

COMPLETE CASE PLANNING,

FROM EDENTULOUS
TO RESTORED

MASTER FULL-ARCH CASES

Digital Dentistry Schoology

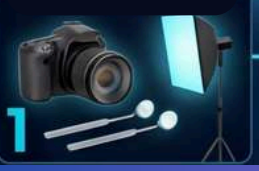
Digital Dentistry Schoology

MASTERSHIP OF DIGITAL DENTISTRY – 2026
COMPLETE CURRICULUM ROADMAP

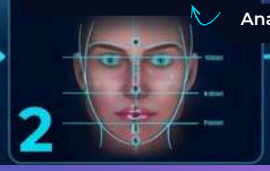
38 MODULES

I Digital Diagnostics & Data Acquisitions

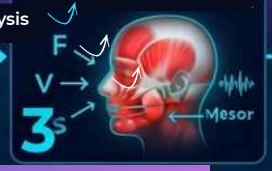
1 Photography



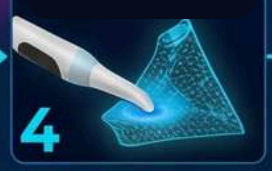
2 Aesthetic



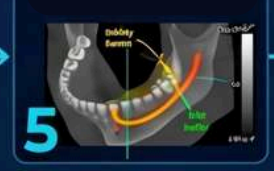
3 Function - Phonetic



4 IOS



5 CBCT



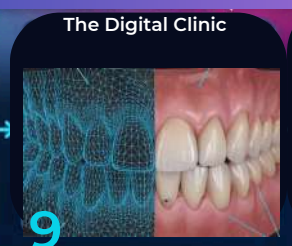
6 Ceph Analysis

7 Digital Occlusal Record

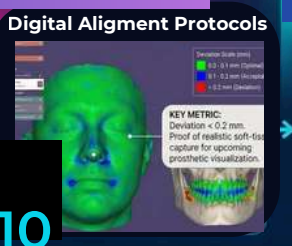
II. DigitalTreatment Planning

8 Digital Smile Design

9 The Digital Clinic



10 Digital Aligment Protocols

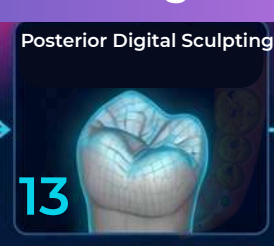


III. Digital Prosthetic CAD Design

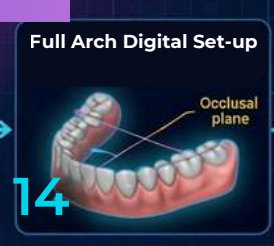
11 Digital Waxing up

12 Anterior Digital Sculpting

13 Posterior Digital Sculpting



14 Full Arch Digital Set-up



IV- Articulation & Functional Set up

15 Digital 3D Model Creation

16 Digital Force Analyzer

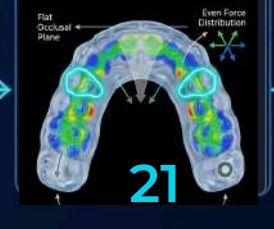
17 Digital Virtual Articulator

18 Digital Facebow - Jaw Tracking

19 Digital Design of Complete Denture

20 EMG Digital Muscle Analysis

21 Digital Design of Different Splint Types



V- Digital Implantology

22 Entry to Digital Implantology

23 Digital implant Scanning Techniques

24 Digital Custom Abutment Design

25 Digital Design of Screw Retained Implant Crown

26 Digital Design of Emergence Profile

27 Digital Thimble Design & Suprastructure

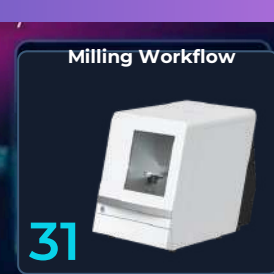
28 Digital Dental Fenite Element Analysis

VI- Provisionals , CAM & 3D Printing

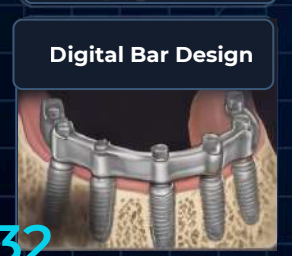
29 CAD/CAM - 3D Printing Materials

30 3D Printing Mastery

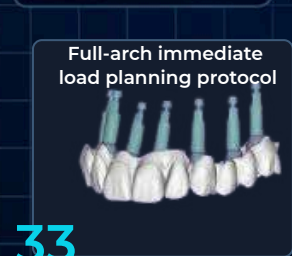
31 Milling Workflow



32 Digital Bar Design



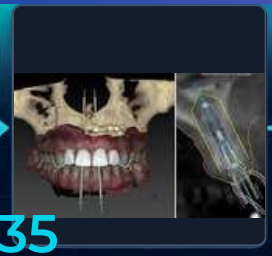
33 Full-arch immediate load planning protocol



34 Segmentation

Digital Implant Planning | Surgical Guide | Stackable Guide

35



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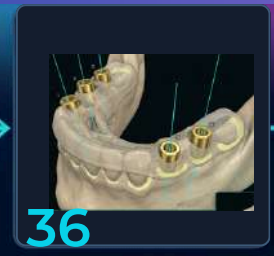

37

38 Digital Dental Laboratory Tour

DIGITAL DENTISTRY SCHOOLOGY

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MODULE 01

PHOTOGRAPHY

Digital Diagnostics & Data Acquisition

- Master clinical photography protocols
- Standardized photo documentation
- Lighting setup for diagnostic accuracy
- Pre/post treatment comparison workflows
- Integration with digital smile design

Foundation of Digital Diagnostics

Section I: Data Acquisition

DIGITAL DENTISTRY SCHOOLOGY

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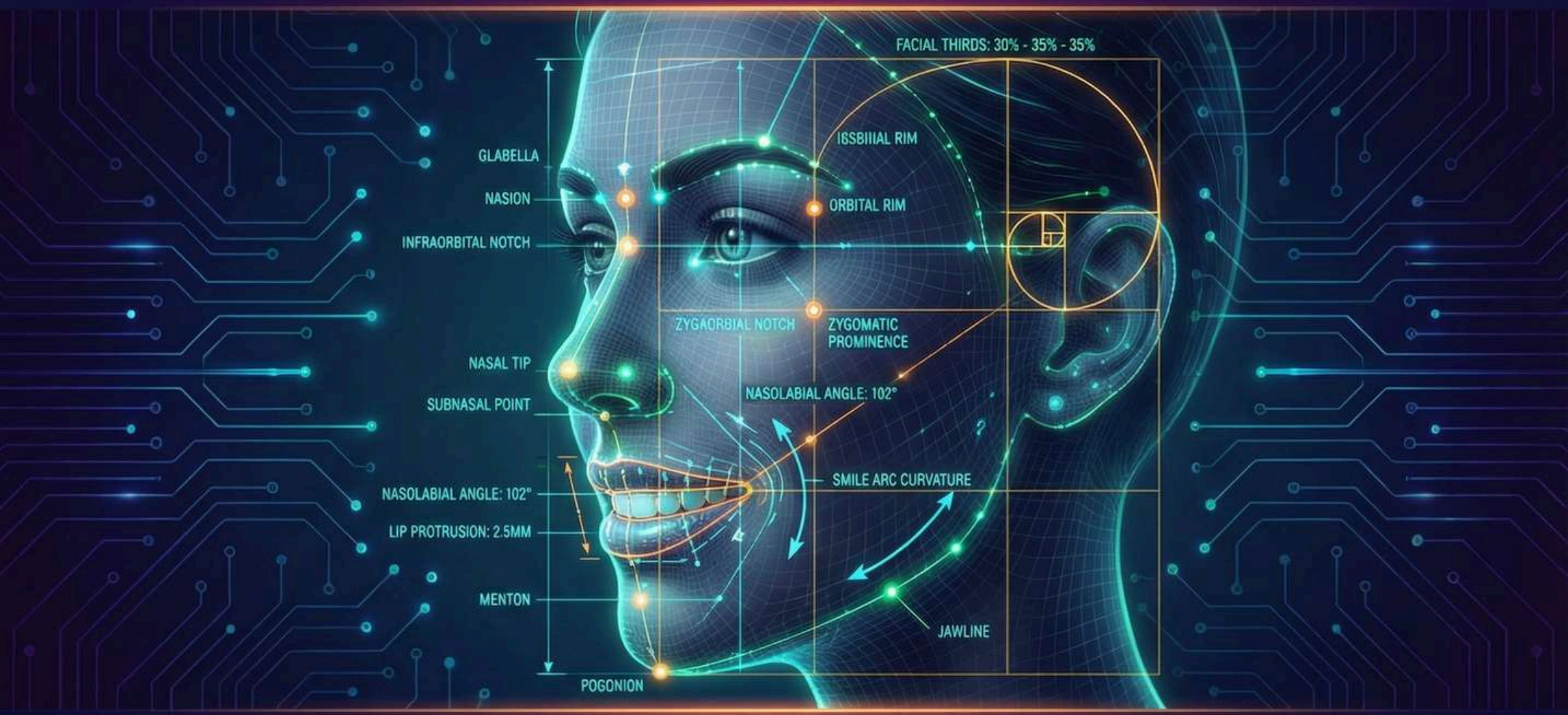
MODULE 02

AESTHETIC ANALYSIS

Digital Diagnostics & Data Acquisition



KEY LEARNING POINTS

- Digital facial analysis protocols
- Smile design principles & proportions
- Facial symmetry evaluation
- Lip dynamics & tooth display analysis
- Integration with smile design software

Foundation of Aesthetic Dentistry

Section I: Data Acquisition

DIGITAL DENTISTRY SCHOOLOGY

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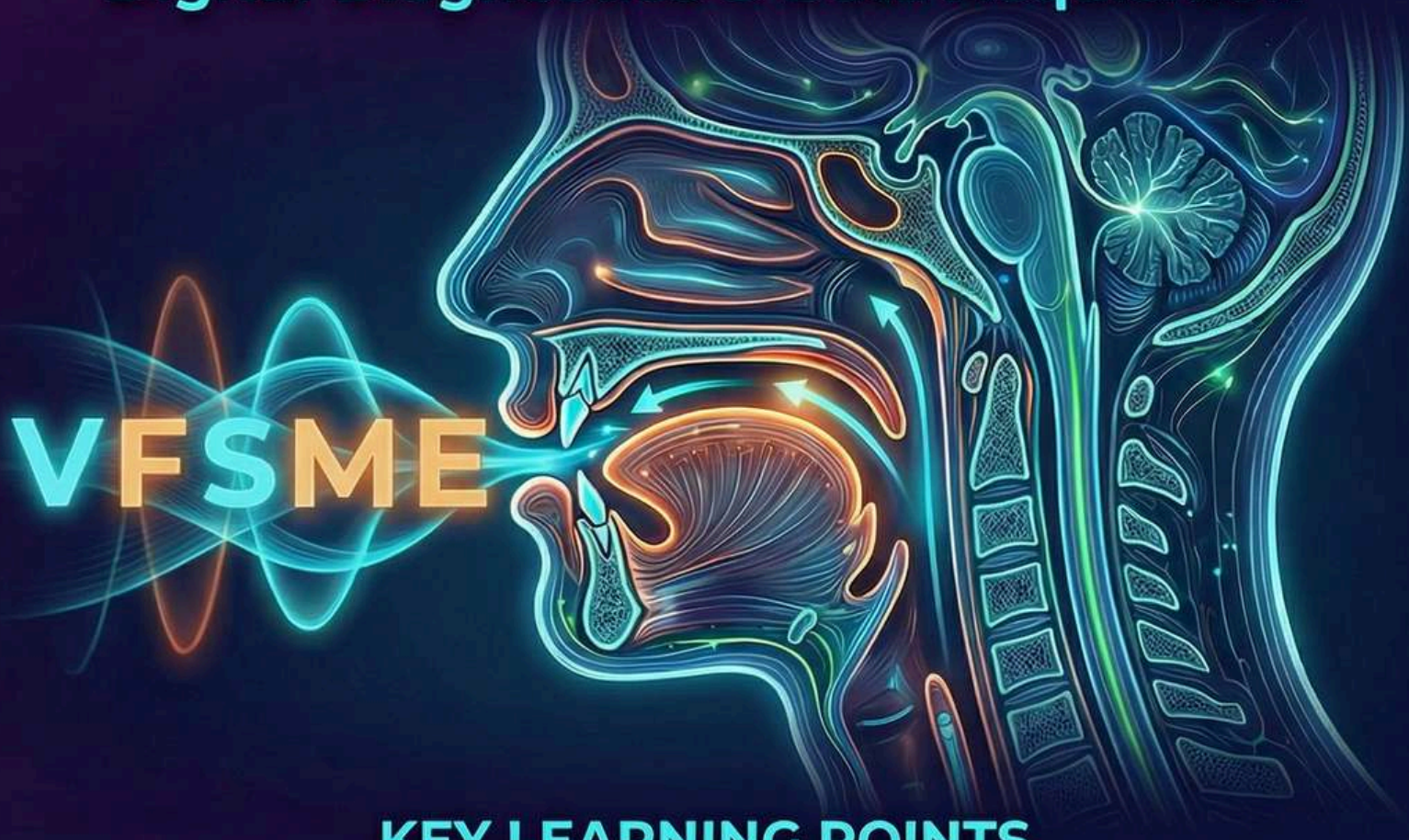
MODULE 03

FUNCTION - PHONETIC

Digital Diagnostics & Data Acquisition



KEY LEARNING POINTS

- Phonetic analysis fundamentals
- Anterior guidance & speech sounds
- Vertical dimension impact on phonetics
- “V F S M E” test protocols
- Functional validation in restorations

Function Meets Aesthetics

Section I: Data Acquisition

DIGITAL DENTISTRY SCHOOLOGY

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MODULE 04

IOS

Intraoral Scanning

Digital Diagnostics & Data Acquisition

- Intraoral scanning fundamentals & techniques
- Scanner selection & technology comparison
- Optimal scanning protocols & sequences
- Scan accuracy & quality control standards
- Digital impression workflow integration

Digital Impression Mastery

Section I: Digital Diagnostics & Data Acquisition

DIGITAL DENTISTRY SCHOOLOGY

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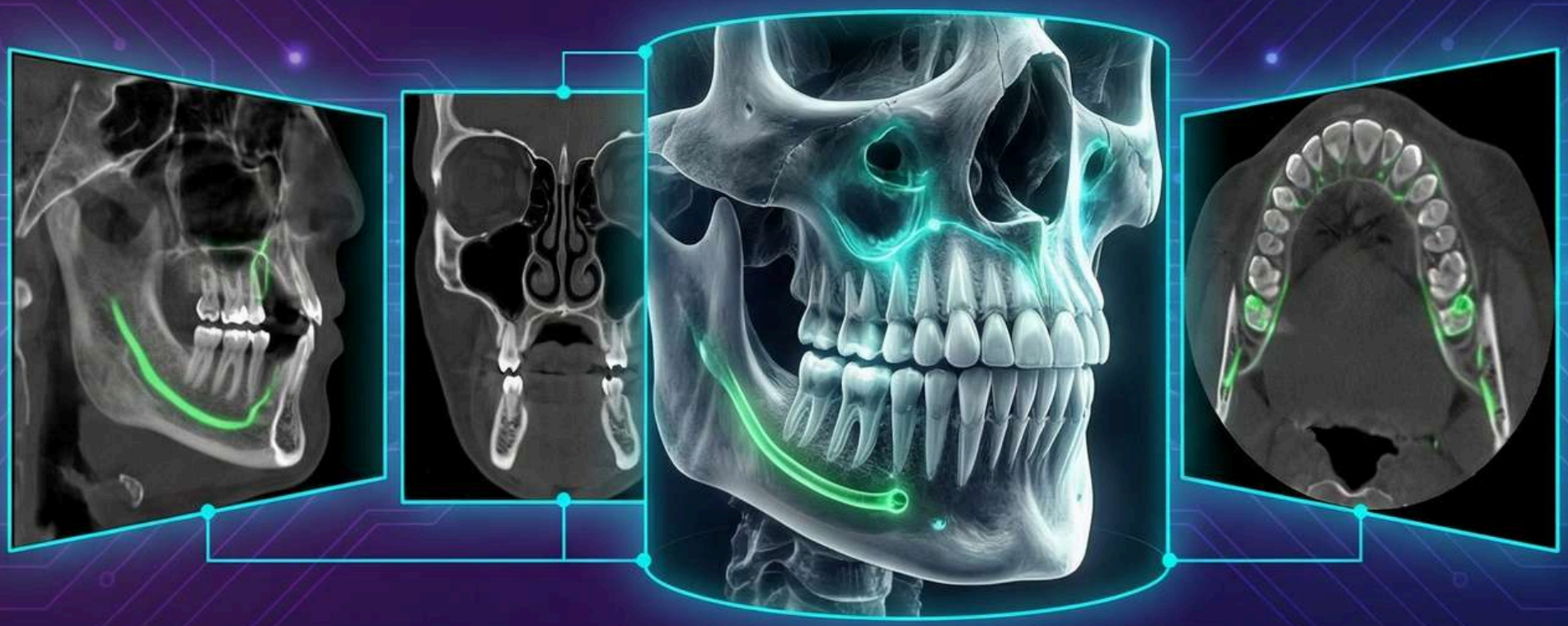
MODULE 05

CBCT

Cone Beam Computed Tomography | Data Acquisition



KEY LEARNING POINTS

- CBCT fundamentals & interpretation
- 3D diagnostic imaging protocols
- Anatomical landmark identification
- Surgical planning with CBCT data
- Integration with digital workflows

3D Diagnostic Precision

Section I: Data Acquisition

DIGITAL DENTISTRY SCHOOLOGY

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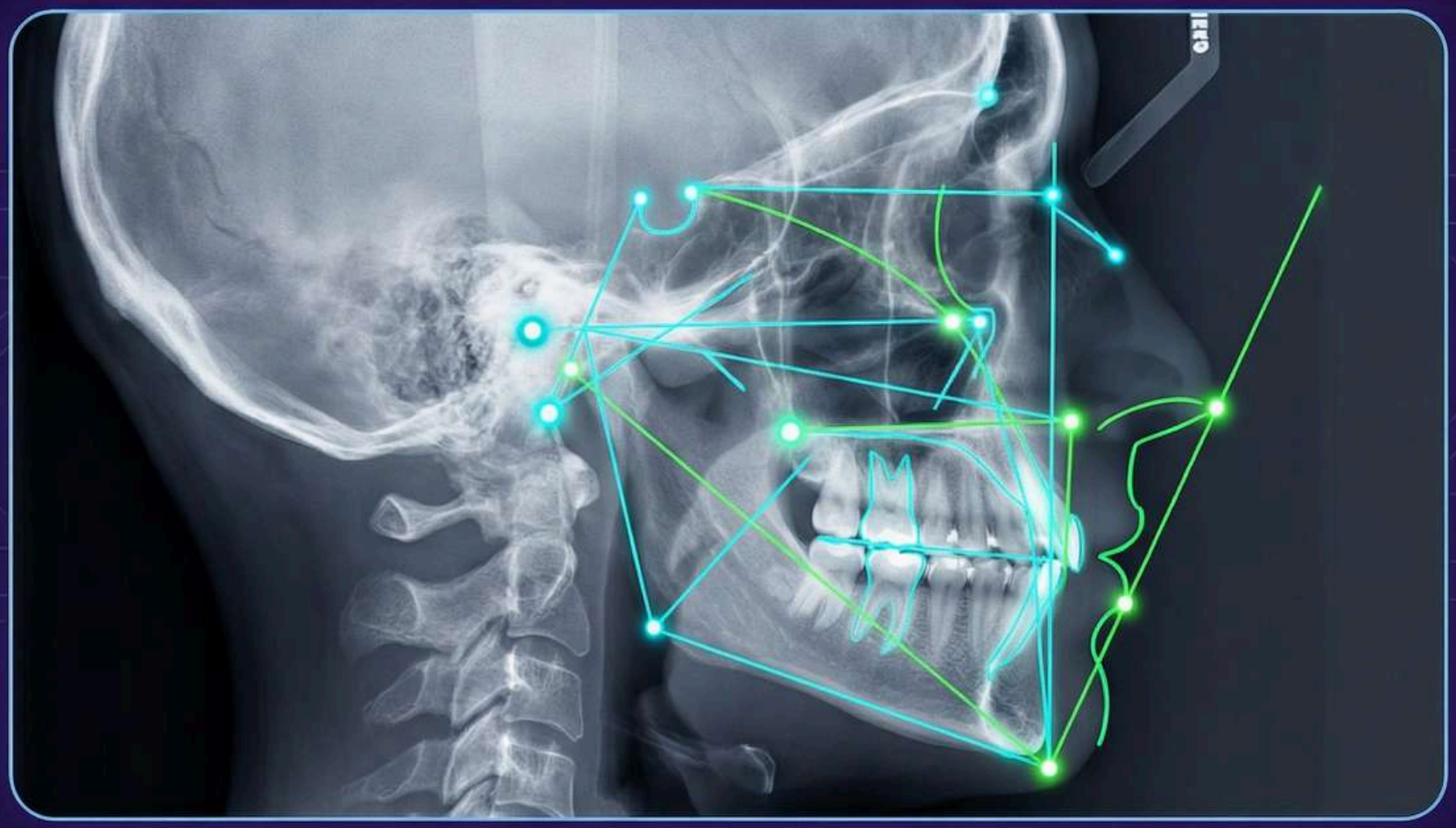
MODULE 06

CEPH ANALYSIS

Digital Diagnostics & Data Acquisition



- Soft tissue analysis protocols
- Hard tissue cephalometric evaluation
- Skeletal pattern identification
- Skeletal pattern identification
- Growth prediction & treatment planning
- Digital ceph tracing workflows

Skeletal & Soft Tissue Diagnostics

Section I: Data Acquisition

DIGITAL DENTISTRY SCHOOLOGY

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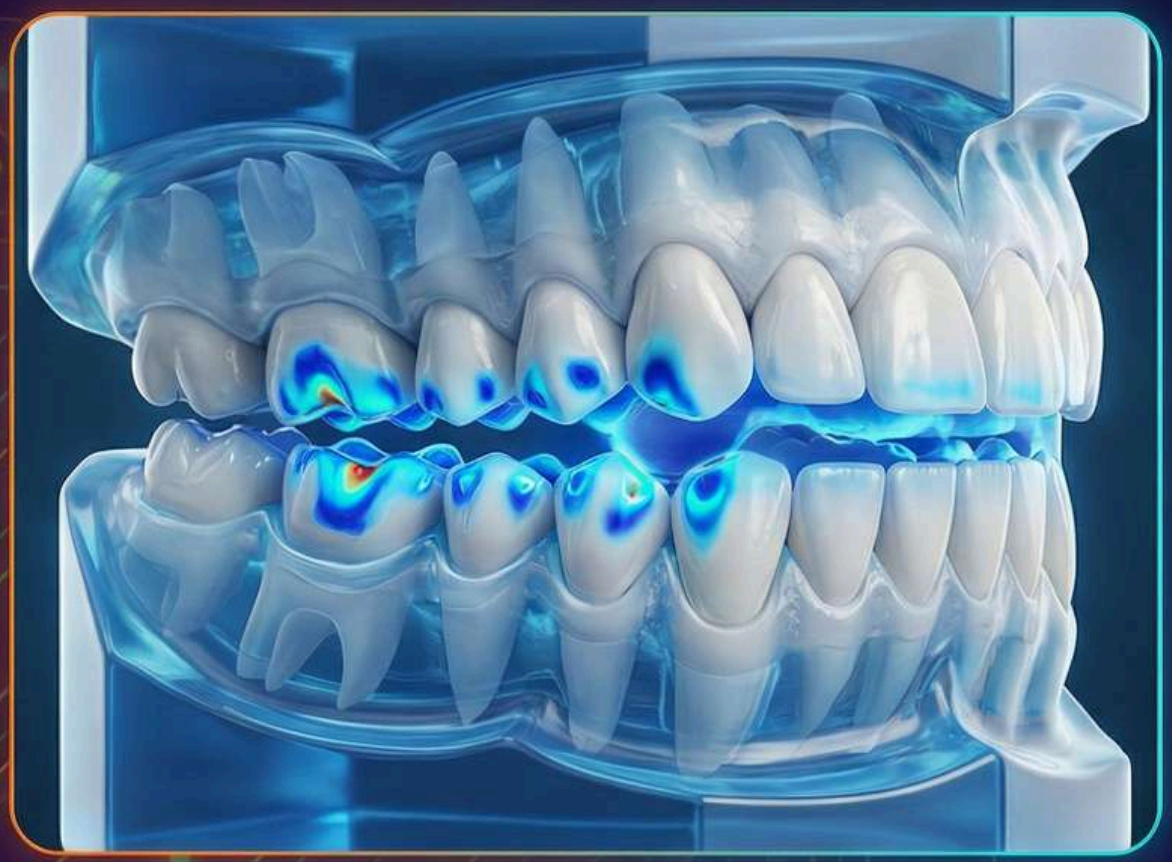
MODULE 07

DIGITAL OCCLUSAL RECORD

Digital Diagnostics & Data Acquisition



- Digital bite registration protocols
- Occlusal contact analysis
- Centric relation recording techniques
- Virtual articulator mounting preparation
- Integration with CAD/CAM workflows

Foundation of Occlusal Accuracy

Section I: Data Acquisition

Digital Dentistry Schoology

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MODULE 08

DIGITAL SMILE DESIGN

Digital Treatment Planning

KEY LEARNING POINTS

- Digital smile design protocols & software
- Facial & dental aesthetic analysis
- Virtual wax-up & mockup creation
- Virtual wax-up & mockup creation
- Patient communication & case acceptance
- Predictable aesthetic outcomes

Aesthetic Planning & Visualization

Section II: Treatment Planning

180px

80px

Digital Dentistry Schoology

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MODULE 09

THE DIGITAL CLINIC

Integrated Systems Architecture

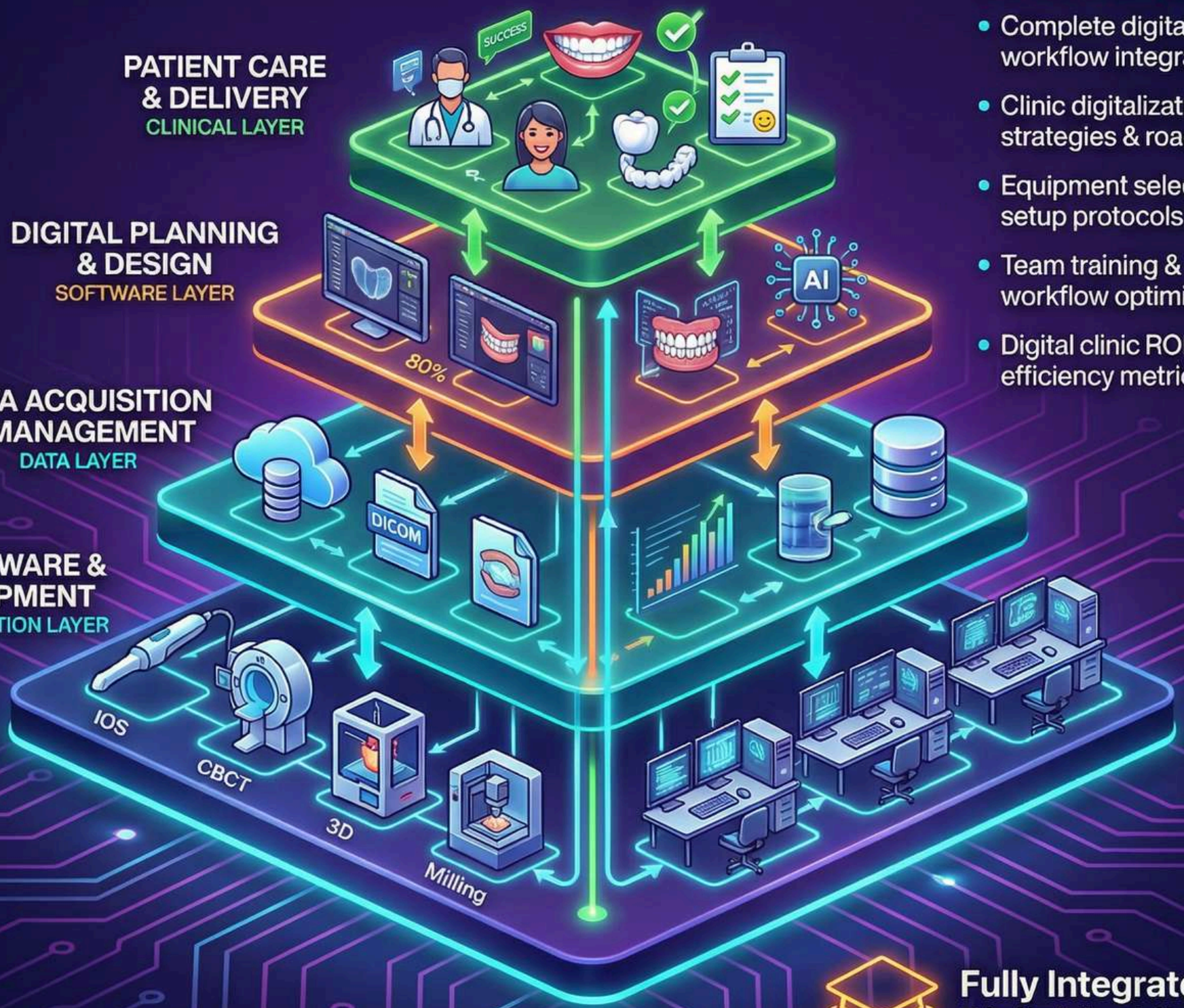
Digital Treatment Planning

PATIENT CARE & DELIVERY
CLINICAL LAYER

DIGITAL PLANNING & DESIGN
SOFTWARE LAYER

DATA ACQUISITION & MANAGEMENT
DATA LAYER

HARDWARE & EQUIPMENT
FOUNDATION LAYER



KEY LEARNING POINTS

- Complete digital workflow integration
- Clinic digitalization strategies & roadmap
- Equipment selection & setup protocols
- Team training & workflow optimization
- Digital clinic ROI & efficiency metrics

Fully Integrated Digital Architecture

Section II: Digital Treatment Planning

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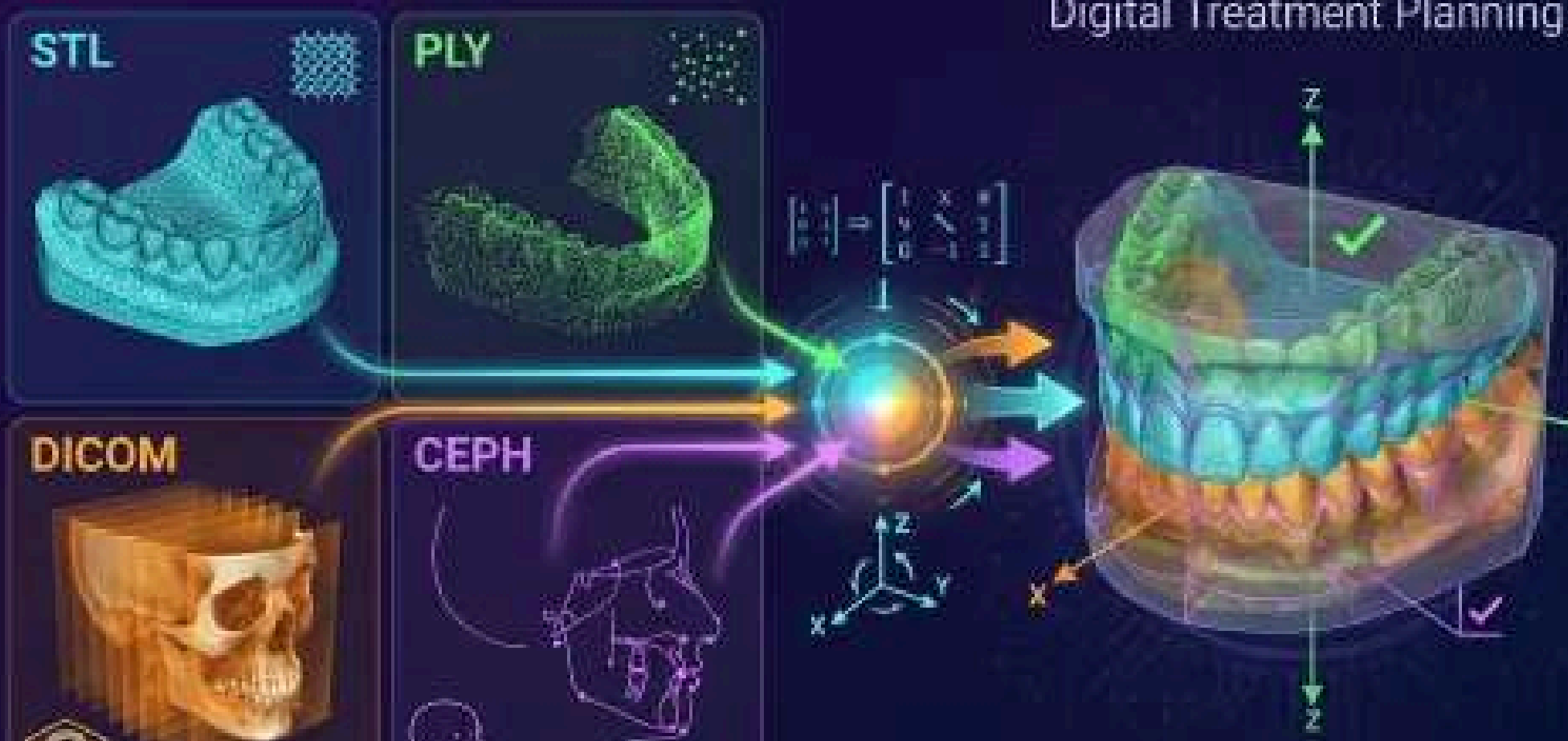
Digital Dentistry Schoology

MODULE 10

DIGITAL DATA REGISTRATION

File Format Integration & Matching

Digital Treatment Planning



- Digital data acquisition transformation
- Registrated 3D allgorithm & matching
- Suster integration & ernergement workflows

- Digital data acquisition methods & formats
- STL, DICOM, PLY, CEPH file specifications
- Registration algorithms & matching techniques
- Coordinate system transformation protocols
- Multi-source data integration workflows

Multi-Format Digital Integration Mastery

Section II: Digital Treatment Planning

DIGITAL DENTISTRY SCHOOLOGY

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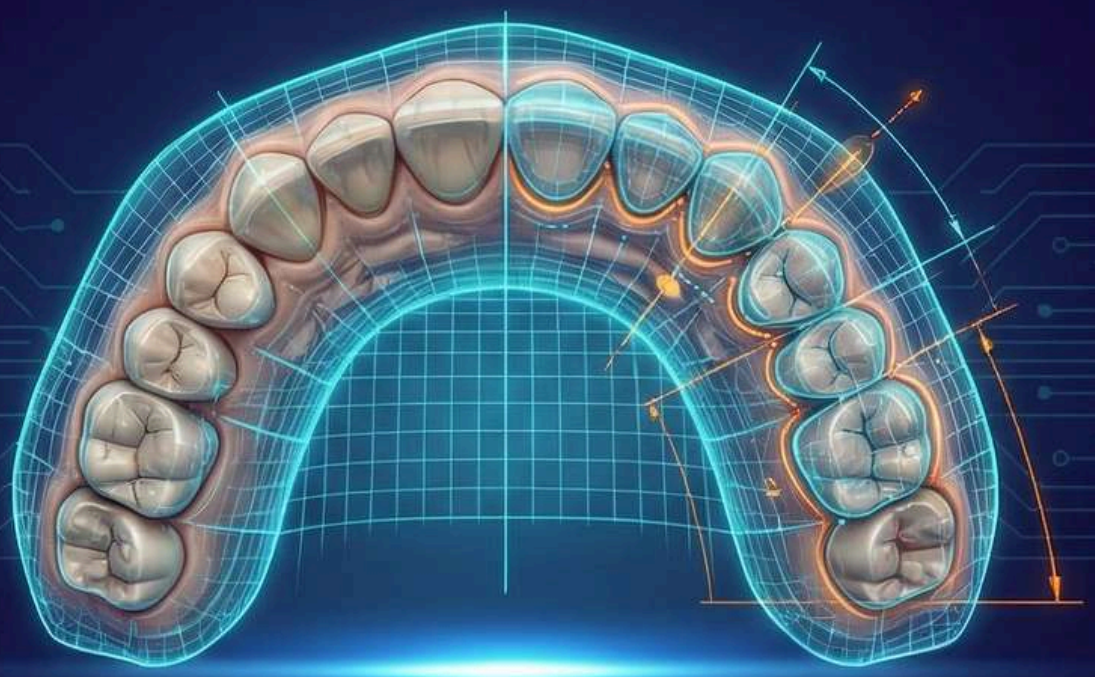
MODULE 11

DIGITAL WAXING UP

Digital Prosthetic CAD Design



- Digital wax-up protocols & techniques
- Diagnostic wax-up to treatment planning
- Virtual mockup creation workflows
- Predictable aesthetic & functional outcomes
- Patient communication & case acceptance tools

Foundation of Digital Prosthetic Design

Section III: Prosthetic CAD Design

Digital Dentistry Schoology

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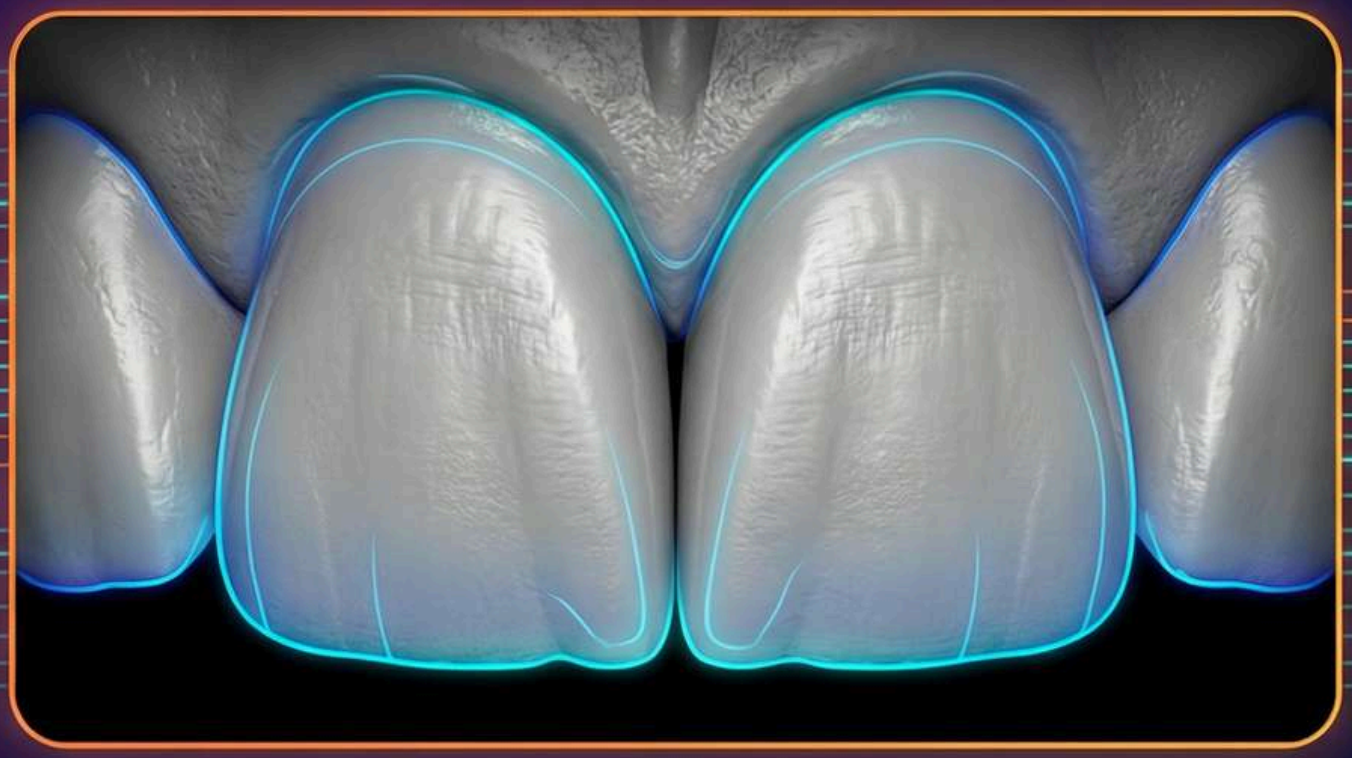
MODULE 12

ANTERIOR DIGITAL SCULPTING

Digital Prosthetic CAD Design



- Anterior tooth morphology & anatomy
- Digital sculpting tools & techniques
- Aesthetic contour & emergence profile design
- Incisal edge characterization protocols
- Natural tooth texture & surface detail creation

Aesthetic Anterior Mastery

Section III: Prosthetic CAD Design

DIGITAL DENTISTRY SCHOOLOGY

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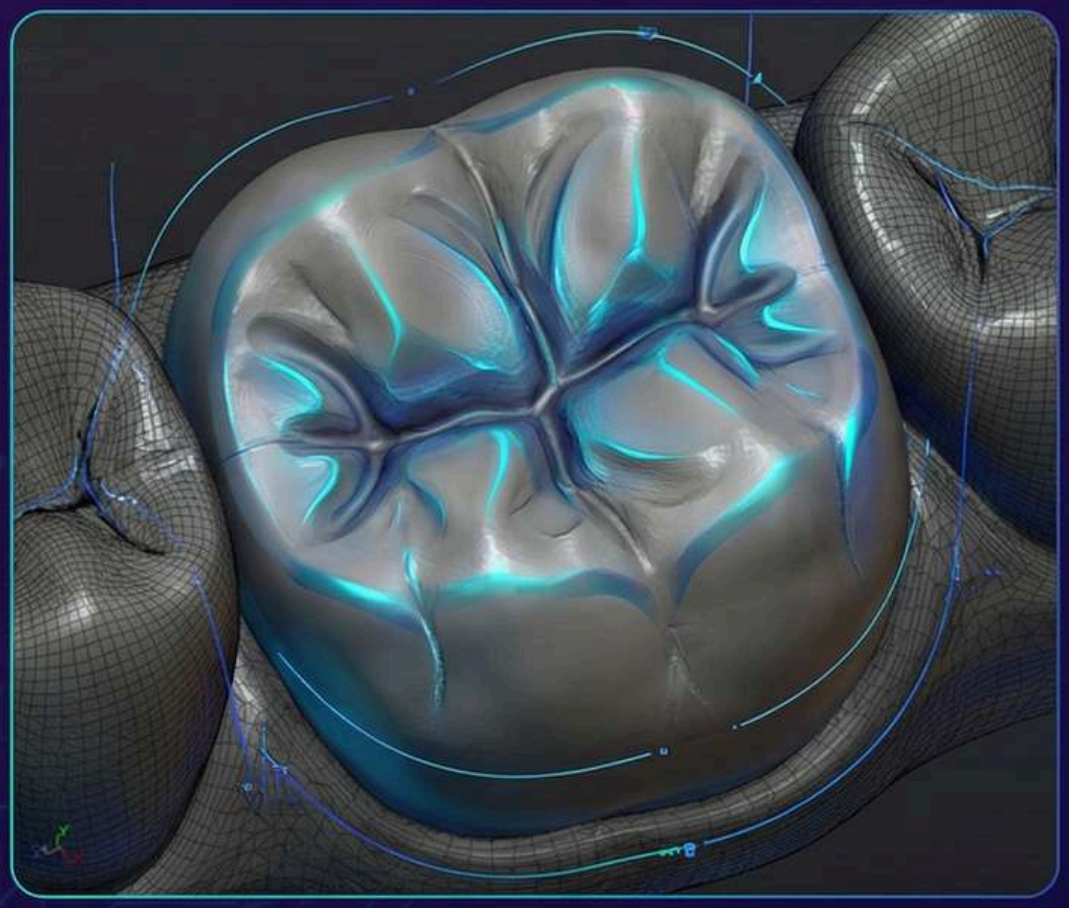
MODULE 13

POSTERIOR DIGITAL SCULPTING

Digital Prosthetic CAD Design



KEY LEARNING POINTS

- Posterior tooth morphology & functional anatomy
- Occlusal surface design & cusp placement
- Fossa depth & marginal ridge protocols
- Contact point & embrasure optimization
- Functional occlusion integration

Functional Posterior Precision

Section III: Prosthetic CAD Design

Digital Dentistry Schoology

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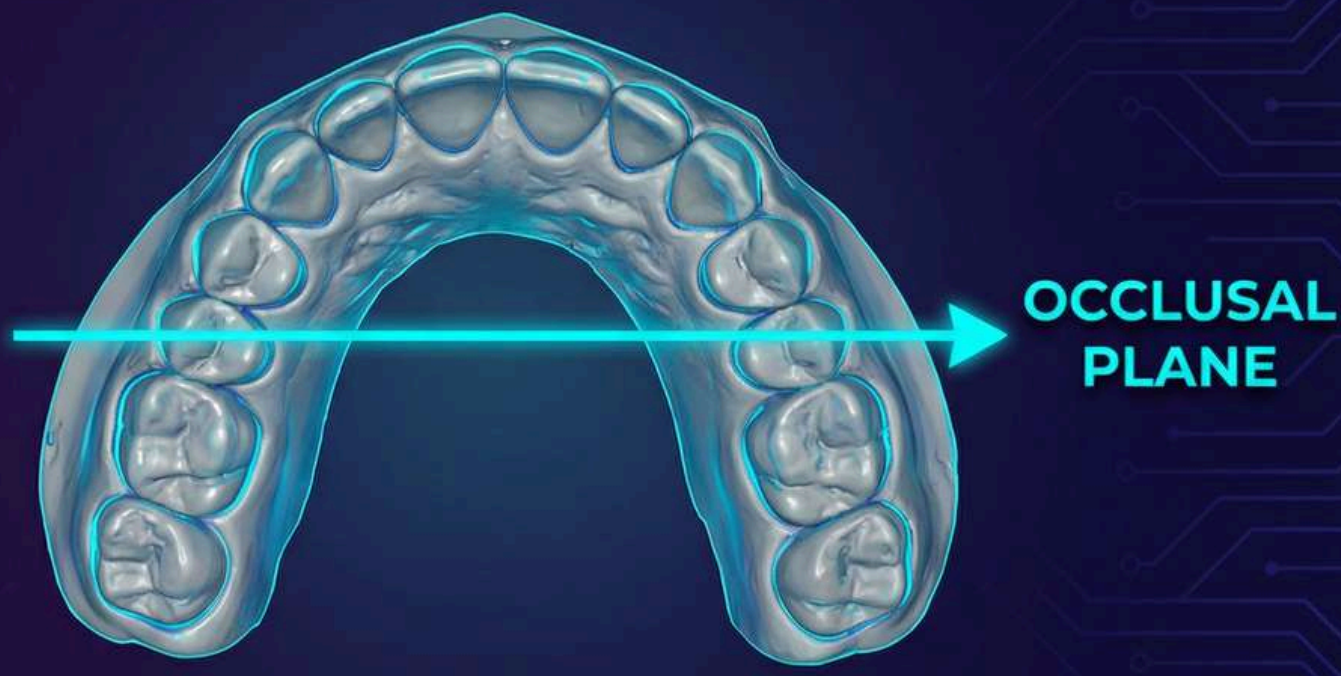
MODULE 14

FULL ARCH DIGITAL SET-UP

Digital Prosthetic CAD Design



KEY LEARNING POINTS

- Full arch digital set-up protocols
- Occlusal plane establishment & validation
- Tooth positioning & arch form design
- Vertical dimension & horizontal overlap
- Complete denture & full arch workflows

Complete Arch Mastery

Section III: Prosthetic CAD Design

DIGITAL DENTISTRY SCHOOLOGY

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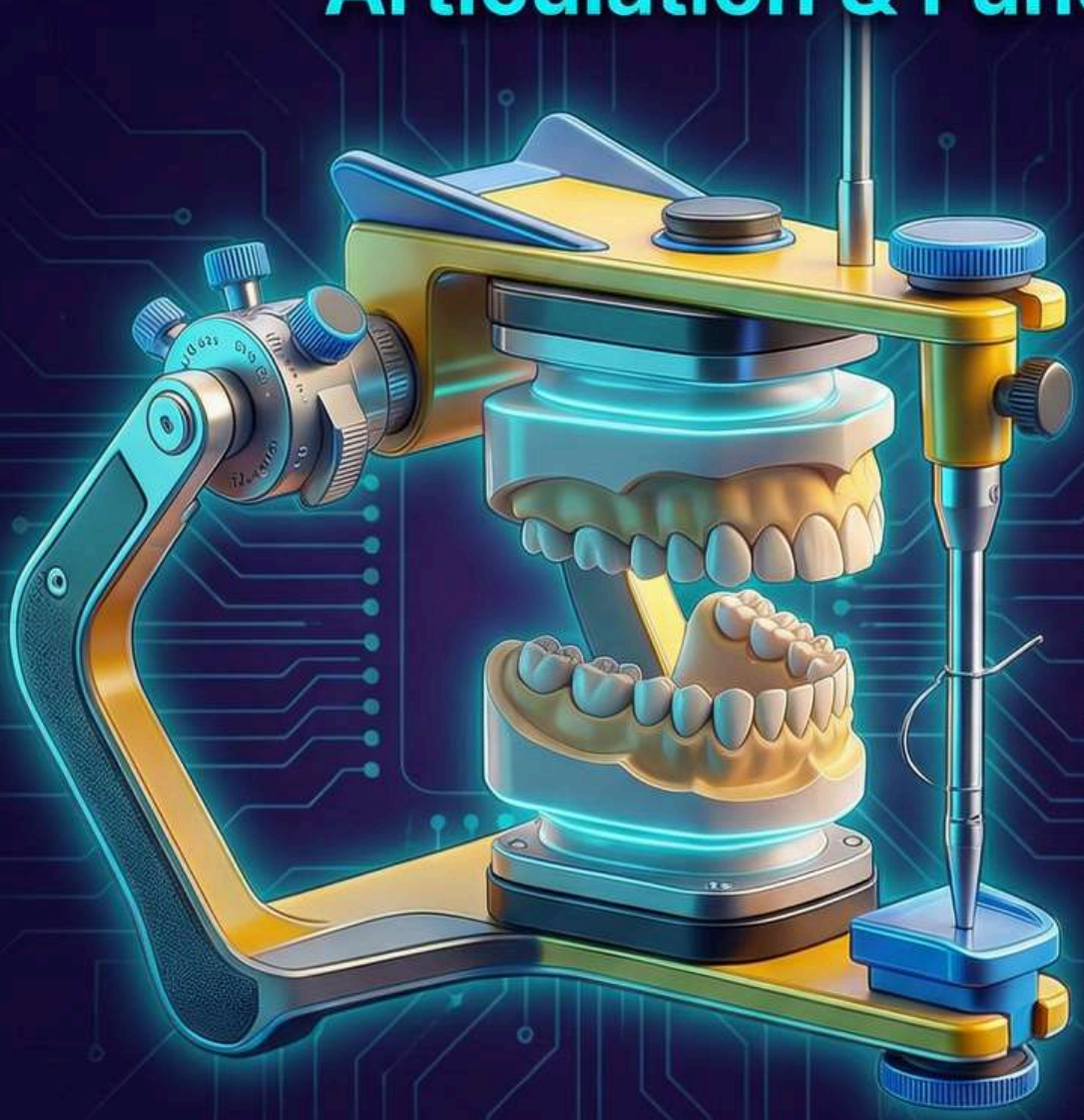
MODULE 15

DIGITAL 3D MODEL CREATION

Articulation & Functional Set-up



- Digital articulator setup & calibration
- 3D model creation from scan data
- Virtual mounting protocols & techniques
- Condylar guidance & Bennett angle settings
- Integration with CAD design workflows

Foundation of Functional Design

Section IV: Articulation & Functional Set-up

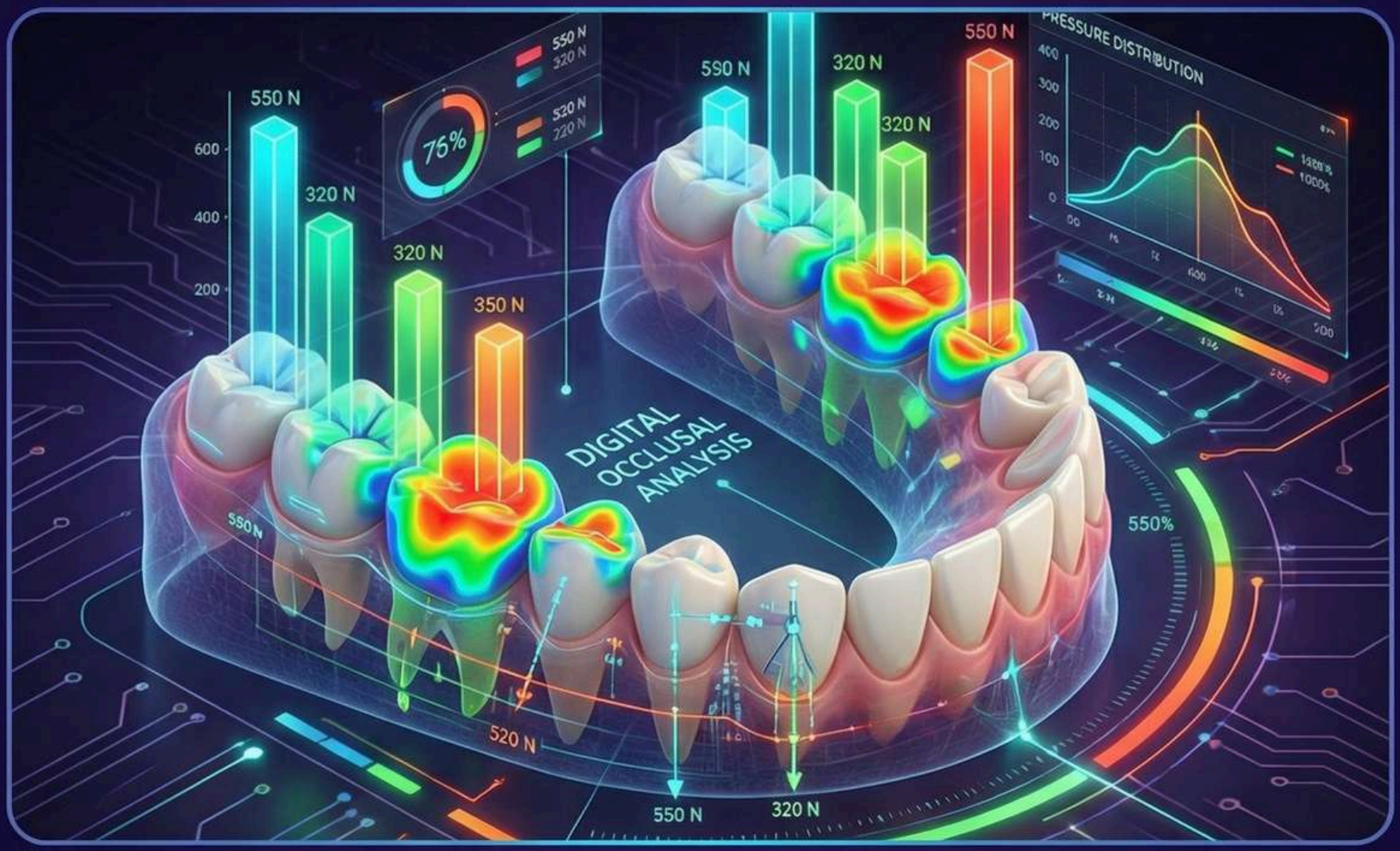
DIGITAL DENTISTRY SCHOOLOGY

DDS MASTERSHIP 2026

MODULE 16

DIGITAL FORCE ANALYZER

Articulation & Functional Set-up



- Digital occlusal force analysis protocols
- Bite force distribution mapping
- Overload detection & risk assessment
- Bite force distribution mapping
- Functional occlusion validation
- Treatment outcome verification tools

Quantified Occlusal Analysis

Section IV: Articulation & Functional Set-up

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Digital Dentistry Schoology

MODULE 17

DIGITAL VIRTUAL ARTICULATOR

Articulation & Functional Set-up

- Virtual articulator software mastery
- Condylar guidance programming
- Jaw movement simulation & analysis
- Protrusive & lateral excursion validation
- Digital mounting & functional verifica

Biomechanical Movement Simulation

Section IV: Articulation & Functional Set-up

Digital Dentistry Schoology

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MODULE 18

DIGITAL FACEBOW - JAW TRACKING

Articulation & Functional Set-up

KEY LEARNING POINTS:

- Digital facebow transfer protocols
- Jaw tracking technology & calibration
- 3D spatial jaw movement recording
- Condylar path analysis & validation
- Integration with virtual articulator systems

Precise Jaw Movement Capture

Section IV: Articulation & Functional Set-up

Digital Dentistry Schoology

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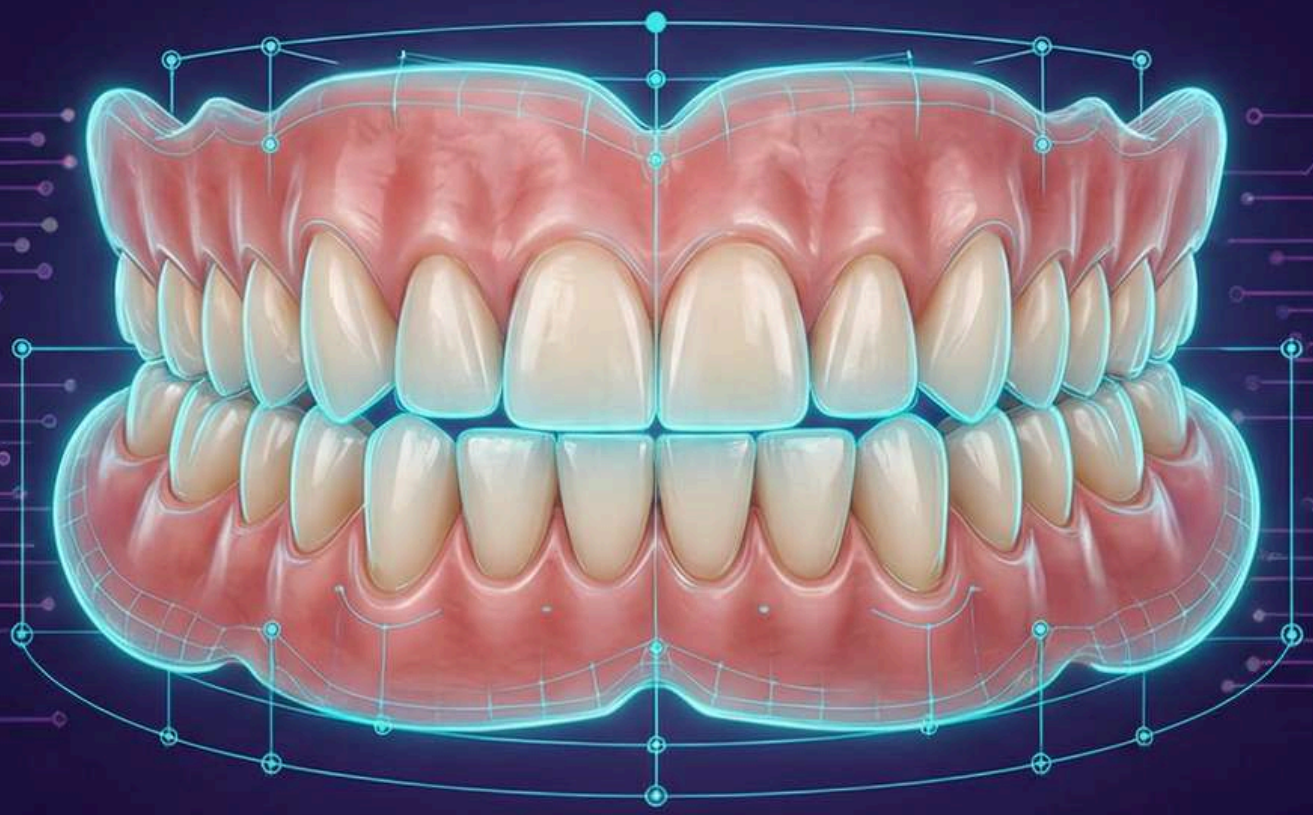
MODULE 19

DIGITAL DESIGN OF COMPLETE DENTURE

Articulation & Functional Set-up



- Complete denture digital design protocols
- Tooth selection & arrangement principles
- Denture base design & border molding
- Occlusal scheme & vertical dimension setup
- Digital try-in & patient approval workflows

Full Edentulous Digital Solution

Section IV: Articulation & Functional Set-up

Digital Dentistry Schoology

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MODULE 20

EMG DIGITAL MUSCLE ANALYSIS

Articulation & Functional Set-up

Key Learning Points:

- EMG fundamentals & clinical applications
- Masticatory muscle analysis protocols
- Muscle activity pattern interpretation
- TMD diagnosis & treatment validation
- Occlusal equilibration verification tools

Neuromuscular Function Assessment

Section IV: Articulation & Functional Set-up

DIGITAL DENTISTRY SCHOOLOGY

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MODULE 21

DIGITAL DESIGN OF DIFFERENT SPLINT TYPES

Articulation & Functional Set-up

KEY LEARNING POINTS

- Splint classification & clinical indications
- Digital splint design protocols (occlusal, repositioning, stabilization)
- 3D printing technologies: FDM, DLP, SLA comparison
- Material selection & biocompatibility
- Fit verification & adjustment workflows

Functional Appliance Design Mastery

Section IV: Articulation & Functional Set-up

DIGITAL DENTISTRY SCHOOLOGY

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MODULE 22

ENTRY TO DIGITAL IMPLANTOLOGY

Digital Implantology (NEW SECTION V)

- Digital implant planning fundamentals
- Implant system components & selection
- Surgical protocol & safety considerations
- CBCT analysis & bone assessment
- Prosthetic-driven implant positioning

Foundation of Digital Implant Workflow

Section V: Digital Implantology

Digital Dentistry Schoology

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MODULE 23

DIGITAL IMPLANT SCANNING TECHNIQUES

Dental Photogrammetry (Extraoral & Intraoral)

KEY LEARNING POINTS

- Photogrammetry fundamentals & clinical applications
- Extraoral vs intraoral scanning protocols & workflows
- Horizontal scan body selection & implant connection types
- Fiducial marker recognition & accuracy optimization
- Digital capture loasl conniection
- Multi-unit full-arch digital capture strategies

Precision Digital Capture & Implant Documentation

Section V: Digital Implantology

DIGITAL DENTISTRY SCHOOLOGY

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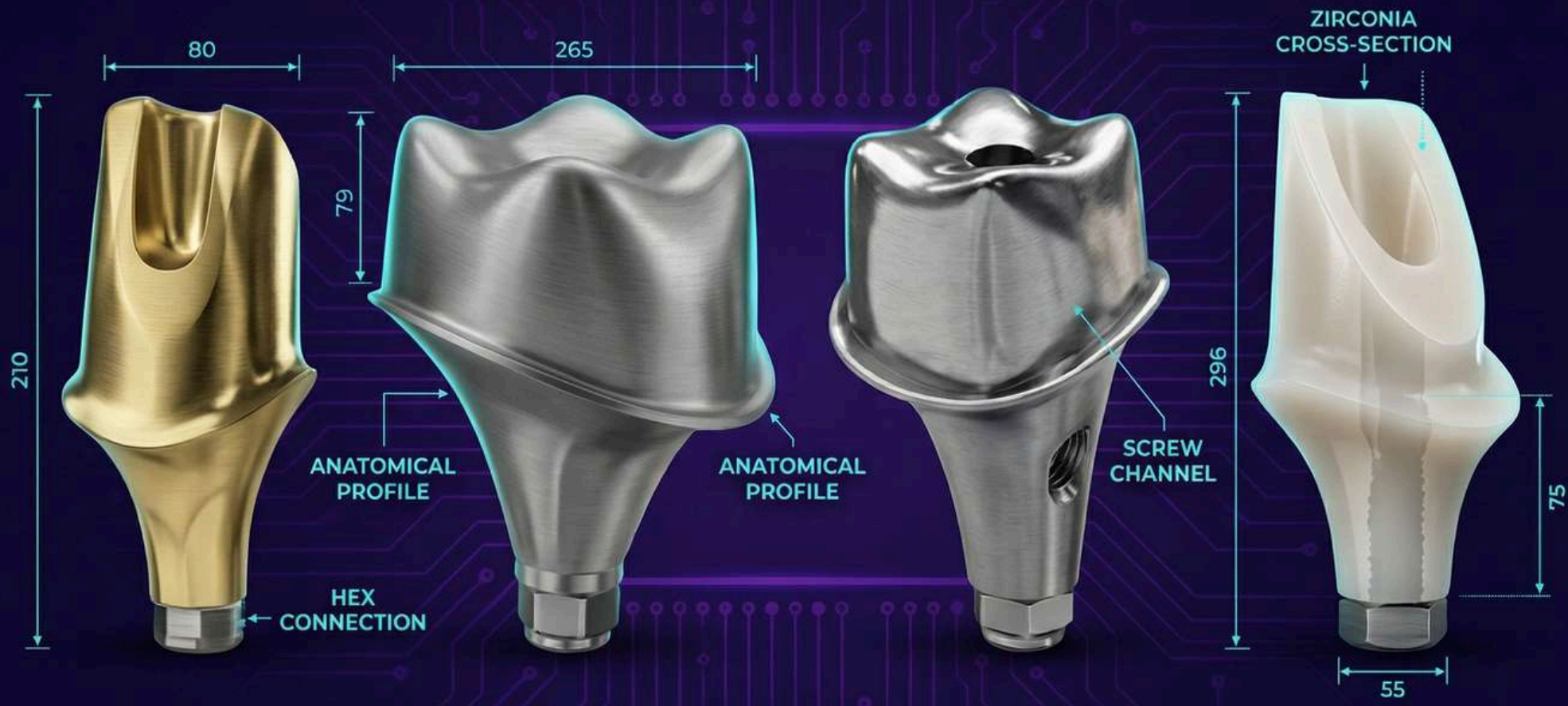
MODULE 24

DIGITAL CUSTOM ABUTMENT DESIGN

Digital Implantology



Key Learning Points

- Custom abutment design principles
- Emergence profile optimization
- Emergence profile optimization
- Screw vs. cement retention considerations
- Material selection: titanium vs. zirconia
- CAD/CAM workflow & manufacturing protocols

Prosthetic-Driven Abutment Solutions

Section V: Digital Implantology

DIGITAL DENTISTRY SCHOOLOGY

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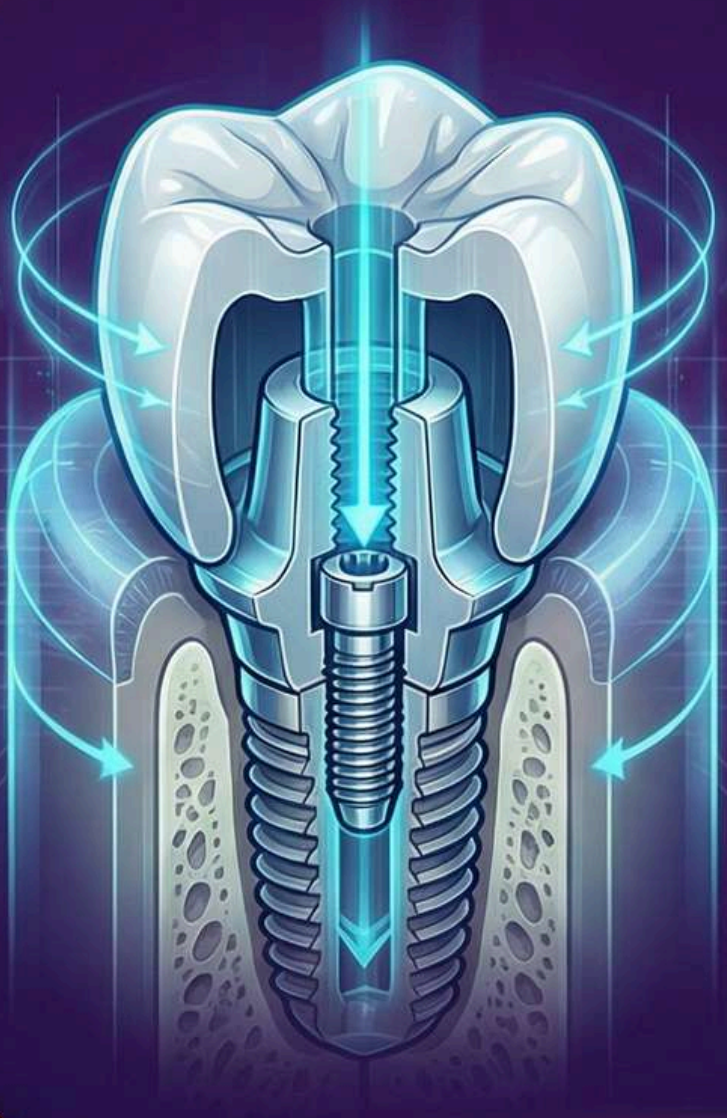
MODULE 25

DIGITAL DESIGN OF SCREW RETAINED IMPLANT CROWN

Digital Implantology



KEY LEARNING POINTS

- Screw-retained crown design principles
- Screw access channel positioning & angulation
- Passive fit verification protocols
- Retrievability advantages & clinical indications
- Occlusal design for screw access closure

Retrievable Implant Prosthetics

Section V: Digital Implantology

DIGITAL DENTISTRY SCHOOLOGY

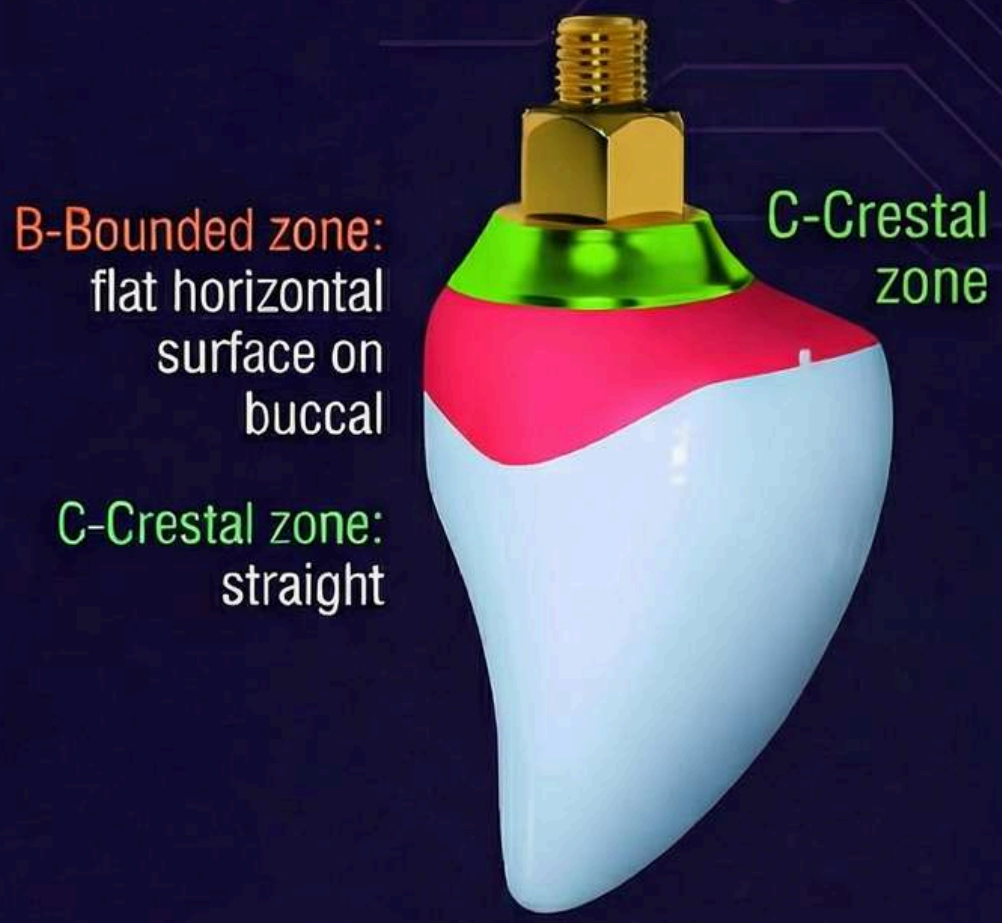
DIGITAL DESIGN OF EMERGENCE PROFILE

Control B-zone & C-crestal zone digitally: engineer the buccal transition + crestal contour for predictable tissue support and margin stability.

Biologic + hygiene-driven contour: avoid over-compression and plaque traps → lower peri-implant inflammation/bleeding risk.

Less chairside corrections: fewer pressure points, fewer contour adjustments, fewer remakes/loosening complaints.

Standardized workflow for implants: repeatable emergence protocol for custom abutments + screw-retained crowns across tissue biotypes.



Digital Dentistry Schoology

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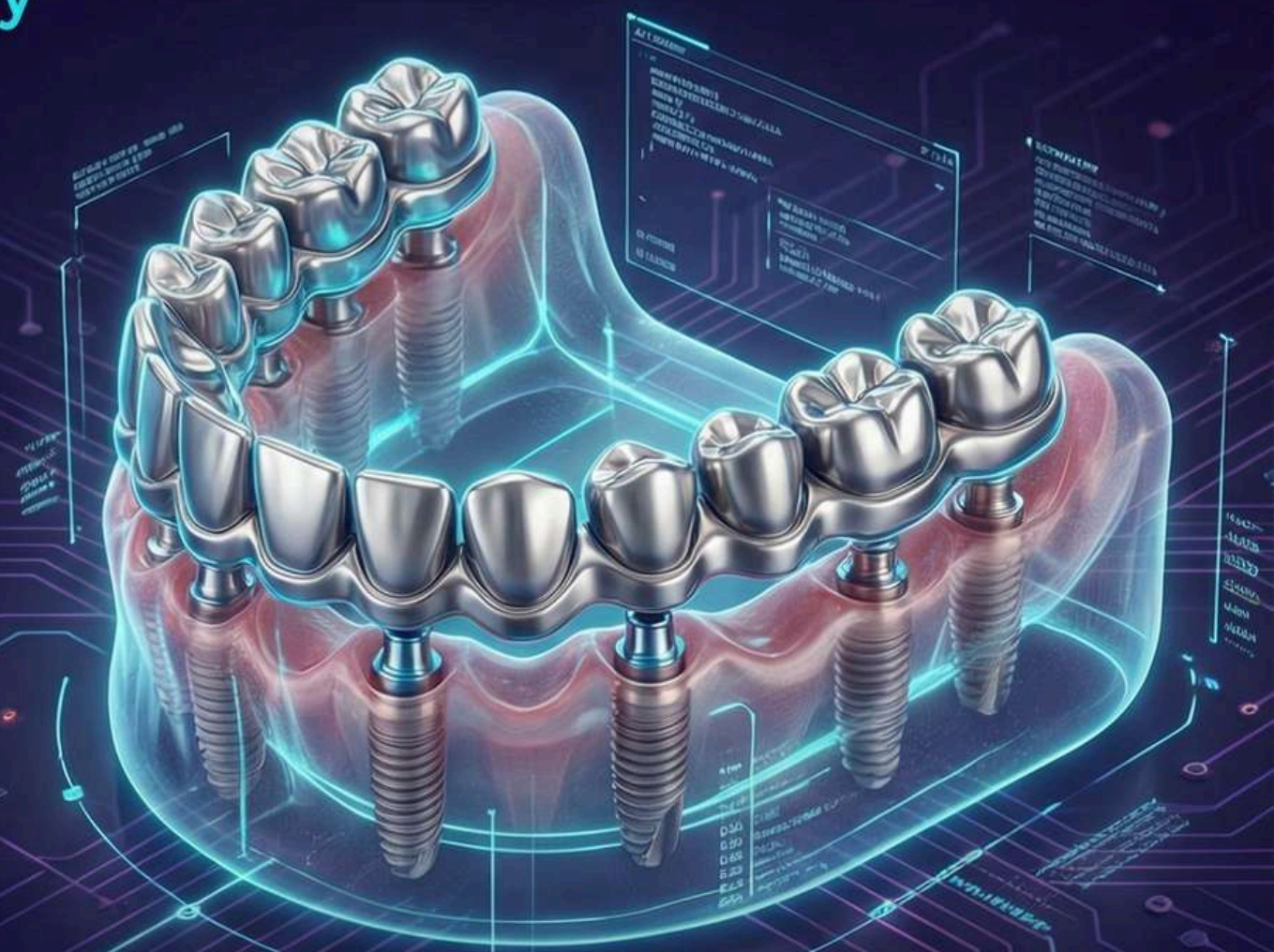
MODULE 27

DIGITAL THIMBLE DESIGN & SUPRASTRUCTURE

Digital Implantology

- Full arch framework design principles
- Multi-unit implant suprastructure planning
- Passive fit verification protocols
- Material selection for frameworks
- Digital workflow for complex prosthetics



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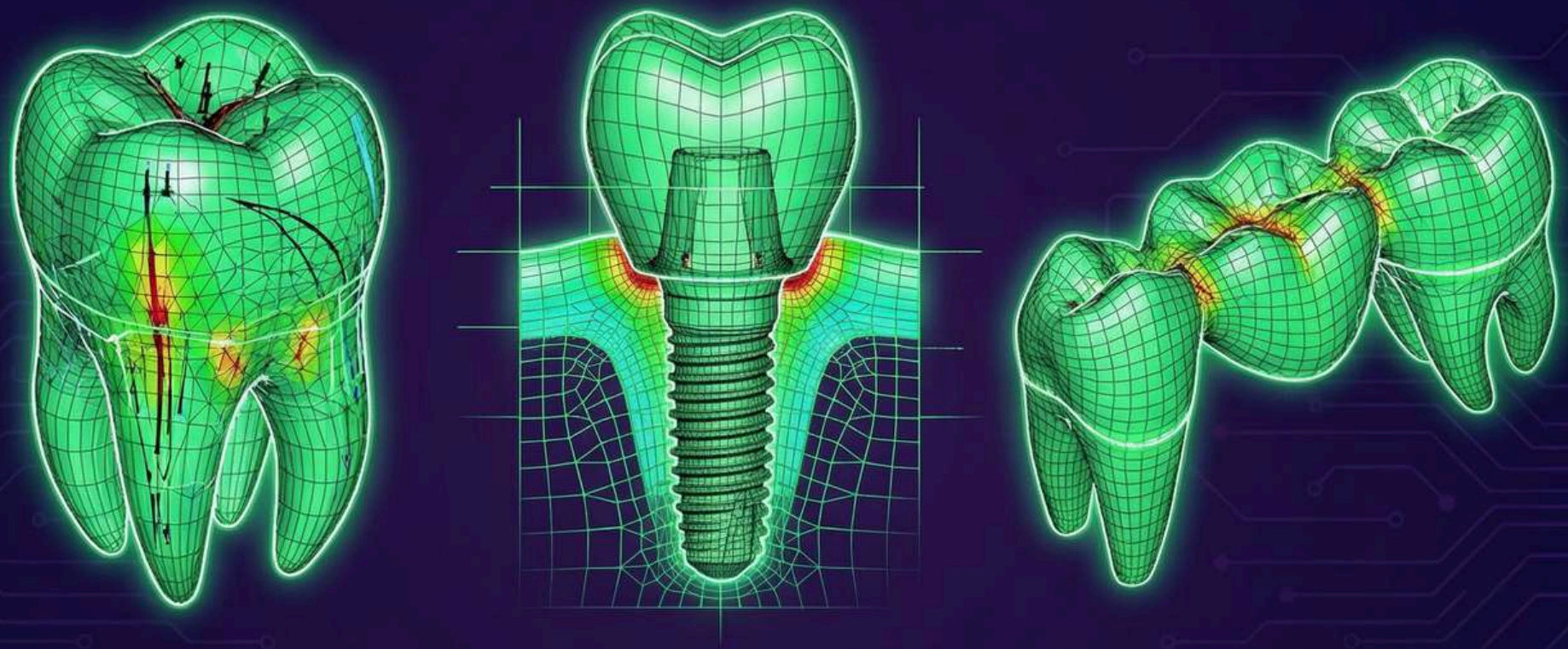
Digital Dentistry Schoology

MODULE 28

DIGITAL DENTAL FINITE ELEMENT ANALYSIS

Digital Implantology



KEY LEARNING POINTS

- Advanced FEA for dental restorations
- Stress distribution analysis in prosthetics
- Material behavior simulation
- Structural optimization techniques
- Predictive failure analysis protocols

Computational Biomechanics & Validation

Section V: Digital Implantology

DIGITAL DENTISTRY SCHOOLOGY

DDS MASTERSHIP 2026

MODULE 29

CAD/CAM - 3D PRINTING MATERIALS

Provisionals, CAM & 3D Printing

- **Material science for dental 3D printing**
- **Resin types:** biocompatible, castable, model
- **Filament materials:** PLA, PETG, nylon
- **Material selection** for clinical applications
- **Post-processing & biocompatibility protocols**

Material Science & Selection Mastery

Section VI: Provisionals, CAM & 3D Printing

Digital Dentistry Schoology

DDS MASTERSHIP 2026

MODULE 30

3D PRINTING MASTERY

Provisionals, CAM & 3D Printing

KEY LEARNING POINTS

- 3D printing technologies: SLA, DLP, FDM mastery
- Print preparation & slicing software
- Support structure optimization
- Post-processing workflows & finishing
- Quality control & accuracy verification

Additive Manufacturing Excellence

Section VI: Provisionals, CAM & 3D Printing

DIGITAL DENTISTRY SCHOOLOGY

DDS MASTERSHIP 2026

MODULE 31

MILLING WORKFLOW

Provisionals, CAM & 3D Printing

- CAM milling fundamentals & machine operation
- 5-axis vs 4-axis milling strategies
- Material block selection & preparation
- Tool path optimization & nesting efficiency
- Quality control & finishing protocols

Subtractive Manufacturing Excellence

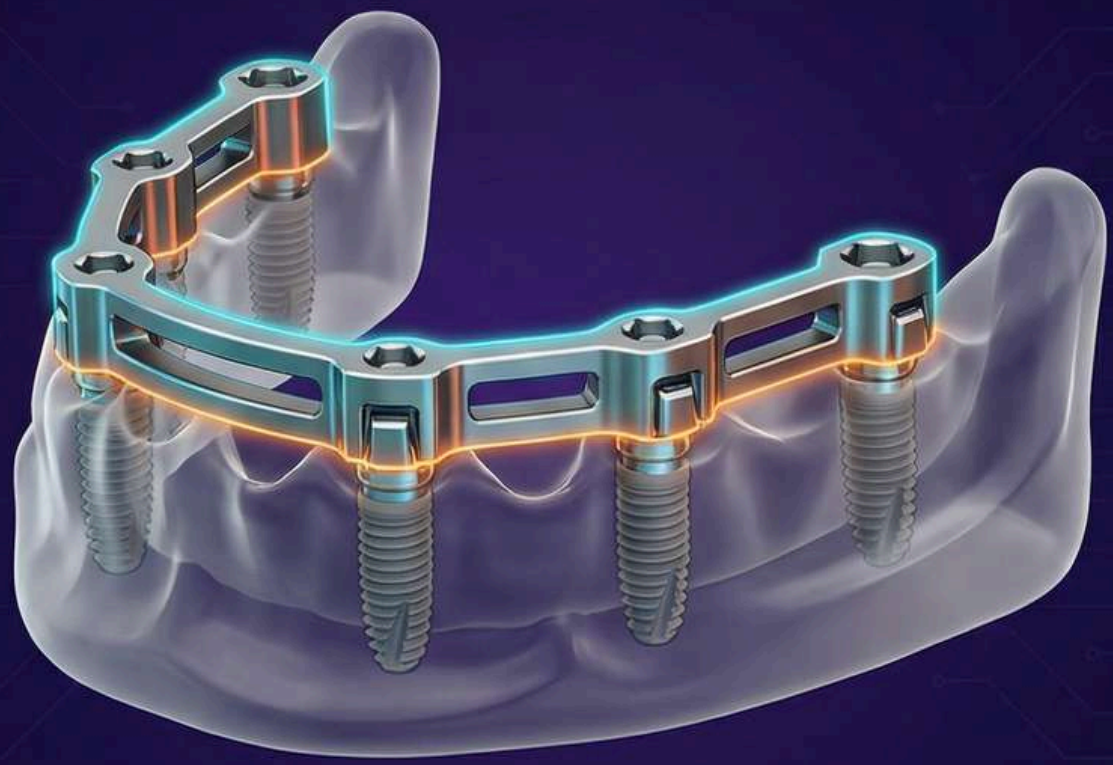
Section VI: Provisionals, CAM & 3D Printing

Digital Dentistry Schoology

MODULE 32

DIGITAL BAR DESIGN

Digital Implant Planning



- Full-arch bar design principles & biomechanics
- Multi-unit implant connection strategies
- Passive fit verification & tolerance management
- Bar framework material selection
- Digital workflow for bar-supported prosthetics

Full-Arch Implant Bar Solutions

Section: Digital Implant Planning

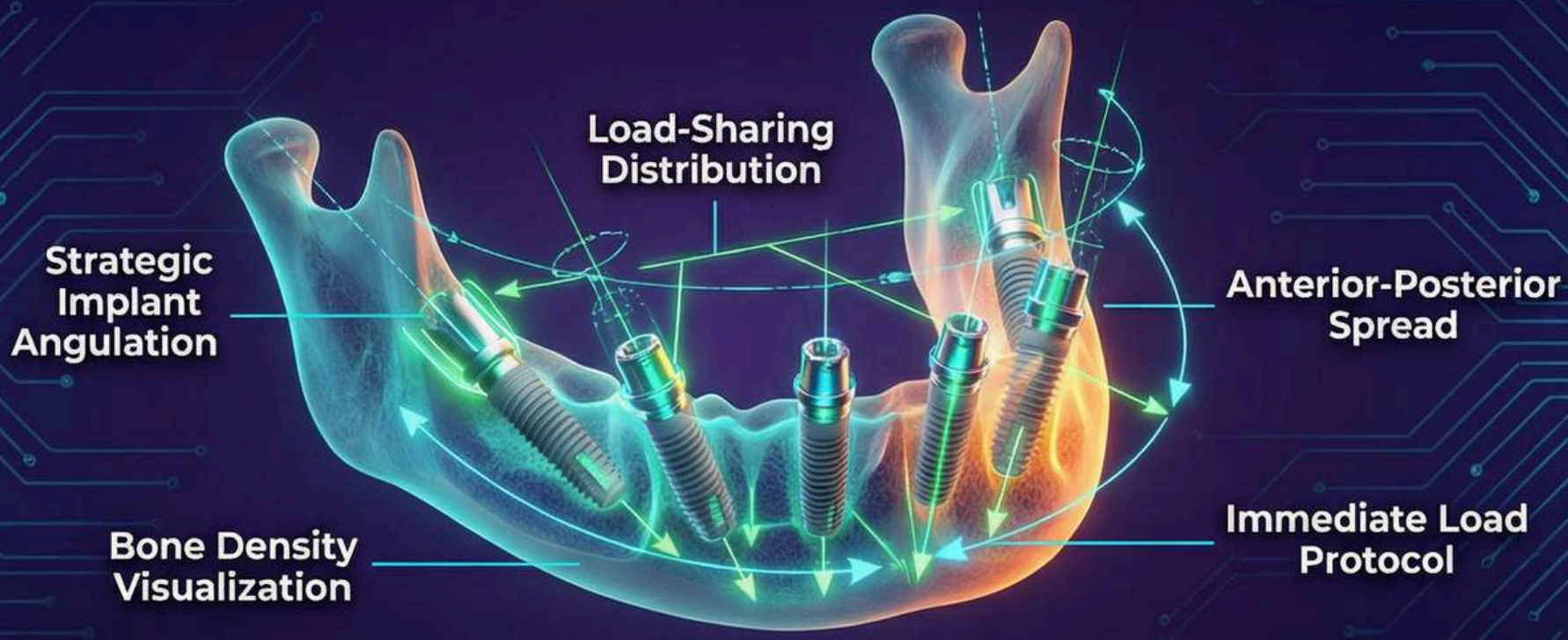
Digital Dentistry Schoology

DDS MASTERSHIP 2026

MODULE 33

FULL-ARCH IMMEDIATE LOAD PLANNING PROTOCOL

Digital Implant Planning



- Immediate loading criteria & patient selection
- Strategic implant positioning for load distribution
- Primary stability requirements & protocols
- Provisional prosthetic design for immediate function
- Risk assessment & complication management

Same-Day Full-Arch Rehabilitation

Section: Digital Implant Planning

Digital Dentistry Schoooo

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MODULE 34

SEGMENTATION

Digital Implant Planning

- CBCT data segmentation fundamentals
- Anatomical structure identification & isolation
- Bone density mapping & classification
- Nerve pathway tracing & safety protocols
- Multi-layer tissue visualization techniques

Advanced CBCT Data Processing

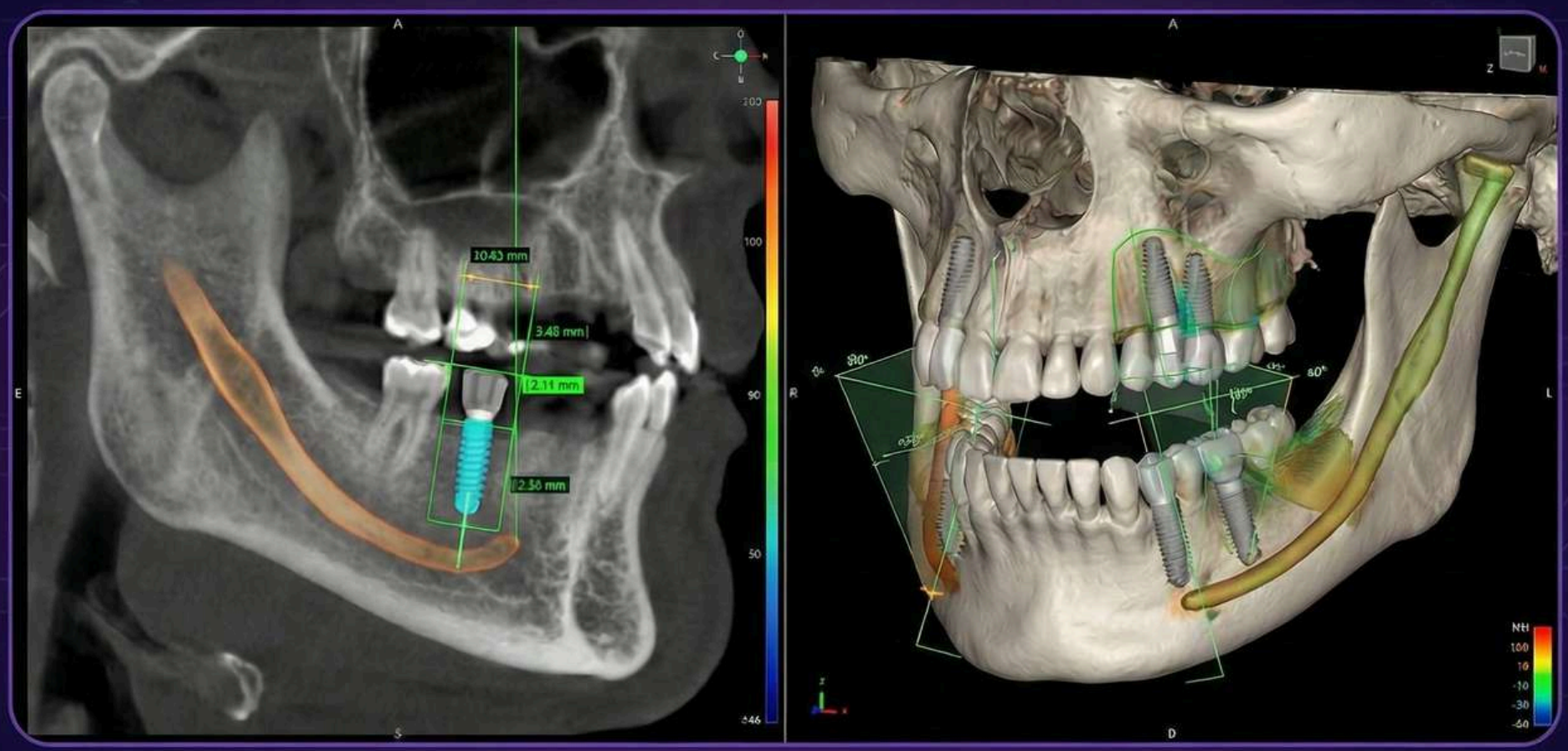
Section: Digital Implant Planning

DIGITAL DENTISTRY SCHOOLOGY

MODULE 35

DIGITAL IMPLANT PLANNING

Digital Implant Planning



KEY LEARNING POINTS

- Comprehensive implant planning workflow
- Nerve pathway identification & safety margins
- Prosthetic-driven implant positioning
- Bone quality assessment & site evaluation
- Digital guide design & surgical protocols

Prosthetic-Driven Safe Implant Placement

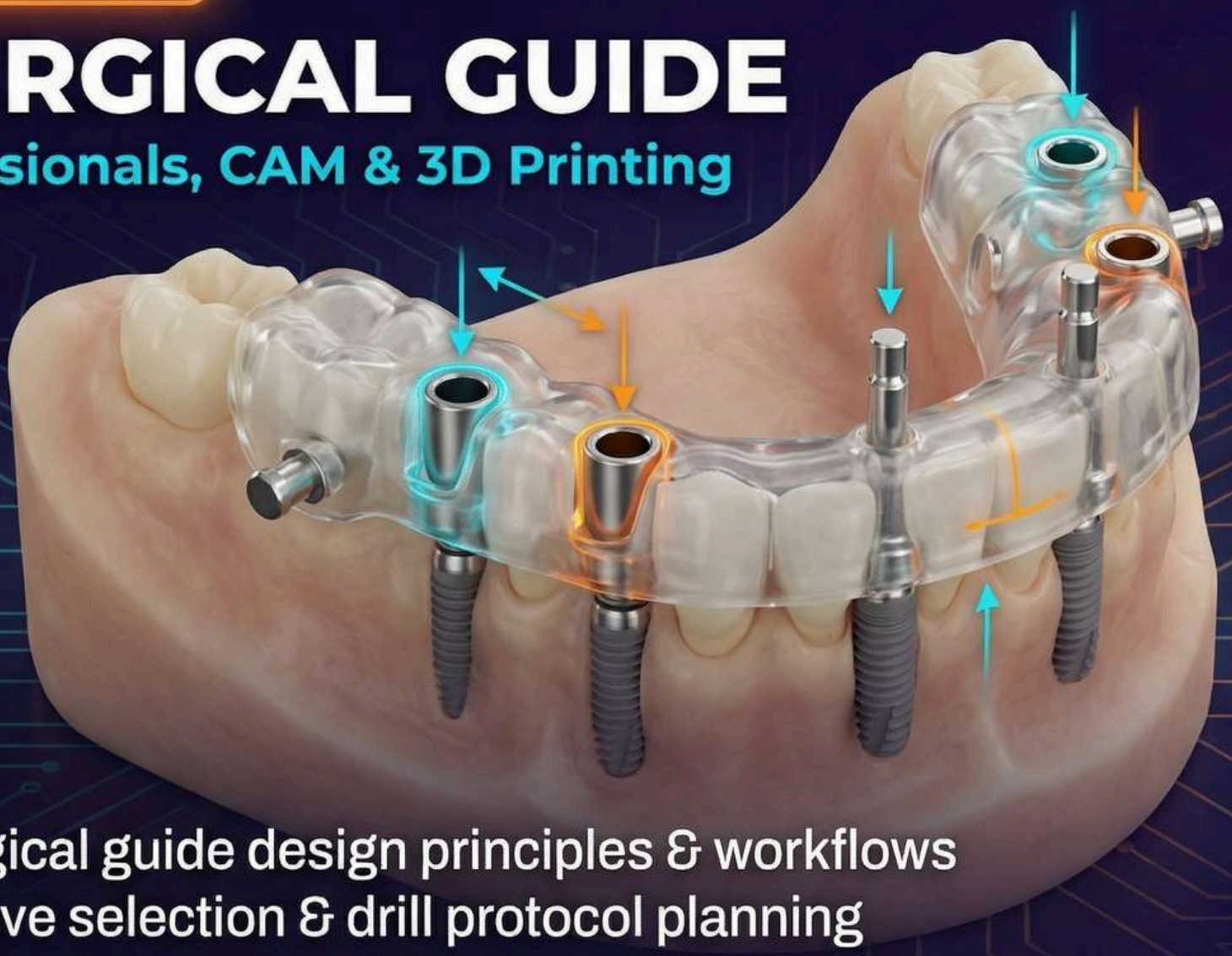
Section: Digital Implant Planning

DIGITAL DENTISTRY SCHOOLOGY

MODULE 36

SURGICAL GUIDE

Provisionals, CAM & 3D Printing



- Surgical guide design principles & workflows
- Sleeve selection & drill protocol planning
- Guide stabilization & fixation strategies
- Tolerance management & fit verification
- Digital-to-surgical workflow integration

Precision-Guided Implant Surgery
Section VI: Provisionals, CAM & 3D Printing

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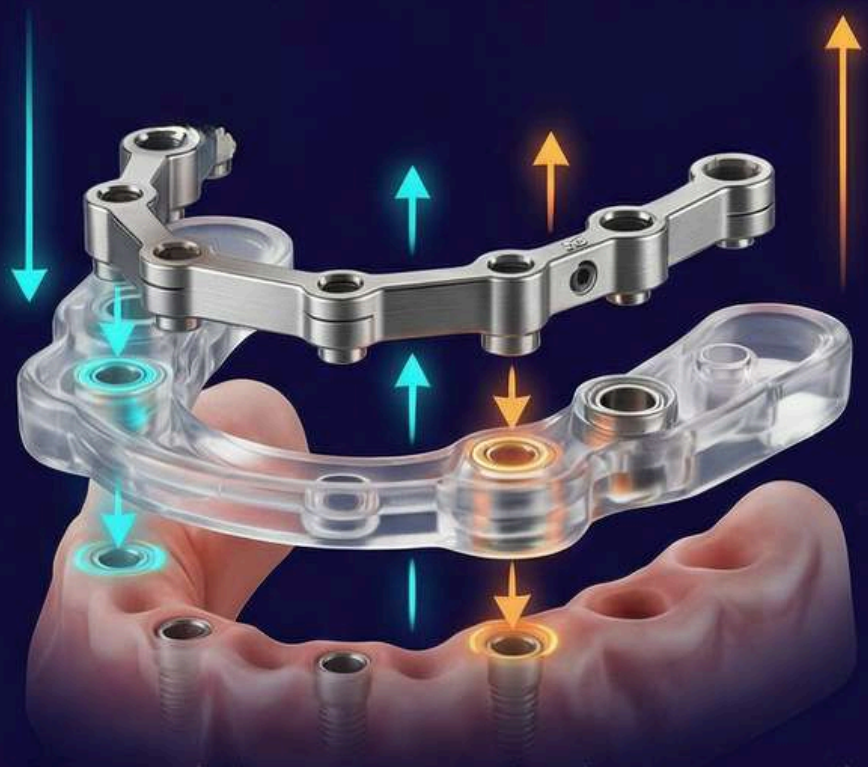
Digital Dentistry Schoology

MODULE 37

STACKABLE GUIDE

Provisionals, CAM & 3D Printing



- Stackable guide system design & applications
- Multi-stage surgical & prosthetic workflow
- Layer integration & verification protocols
- Immediate provisional delivery strategies
- Full-arch guided surgery optimization

Multi-Stage Guided Surgery Solutions

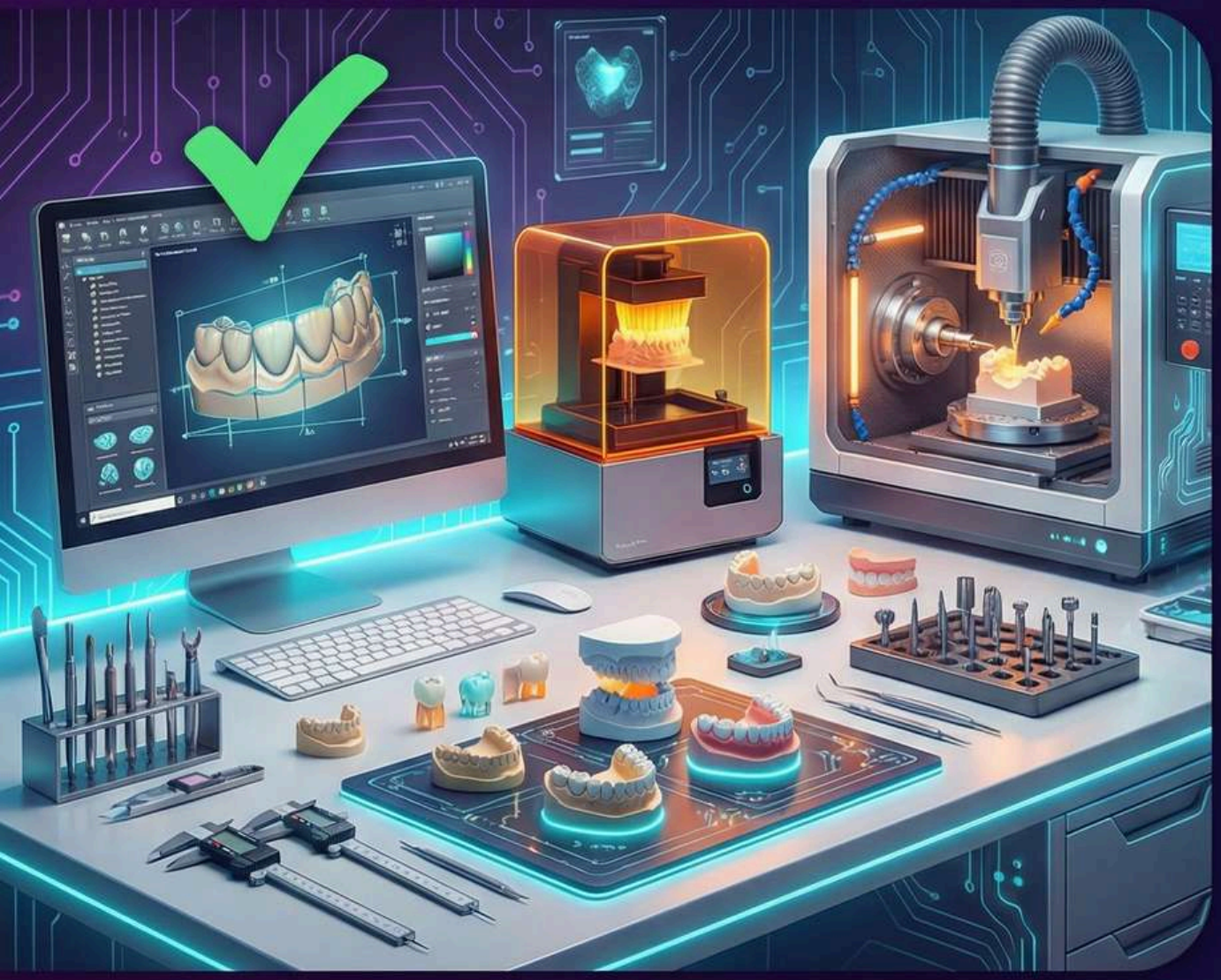
Section VI: Provisionals, CAM & 3D Printing

DIGITAL DENTISTRY SCHOOLOGY

MODULE 38

DIGITAL DENTAL LABORATORY TOUR

Provisionals, CAM & 3D Printing



- Complete digital lab workflow & equipment
- CAD/CAM integration & production planning
- 3D printing vs milling: material selection
- Quality control & verification protocols
- Lab efficiency & workflow optimization

Complete Digital Manufacturing Ecosystem

Section VI: Provisionals, CAM & 3D Printing