

PERIODONTICS (PER)

PERIODONTAL DISEASE MODEL



PE-PER001

Features

- Peelable buccal/lingual gingiva and transparent jaw allows excellent view of recessed alveolar bone condition, exposed roots and subgingival calculus
- Anatomically rooted teeth with calculus

Purpose

- For explaining periodontal disease condition to patients
- Brushing demonstration for gingivitis and periodontitis
- Explain subgingival calculus condition
- Allows effective patient education by comparing with x-ray pictures



Periodontal pockets & clefts



Inflamed gingiva & gingival recession



Alveolar bone resorption & subgingival calculus



Brushing demonstration

PERIODONTAL DISEASE MODEL



PE-PER010

Features

- Cross-sectioned model showing normal periodontal condition ⇒ advanced periodontitis and bone resorption in a series of 5 stages
- Model also shows a tooth with occlusal trauma on the far right

Purpose

- Explains early ⇒ severe stages of periodontal disease
- Buccal side: shows the gradual worsening of the actual periodontal condition going on inside
- Lingual side: shows the outward appearance of the oral cavity, and explain that detection is only possible with pocket probing and x-rays



Comparison of healthy condition and gingivitis



Early periodontitis



Moderate periodontitis



Advanced periodontitis



Occlusal Trauma

PERIODONTAL DISEASE MODEL



PE-PER003

Features

- Peelable recessed gingiva allows view of calculus, exposed roots and bone resorption
- Anatomically rooted teeth with calculus
- Missing lower left 1st molar area causing supereruption of upper left 1st molar resulting in elongated tooth condition

Purpose

- Explain severe periodontal disease and subgingival calculus to patients
- Brushing demonstration for periodontitis

PERIODONTAL DISEASE MODEL



PE-PER004

Features

- Transparent jaw and gingiva to show the roots and impacted tooth
- Missing tooth condition on lower right premolar (#44)
- Horizontally impacted 3rd molar (#38) on lower left posterior region
- Gingival recession condition exposing dental calculus and roots
- Soft and flexible gingiva can be peeled back to see the periodontal condition

Purpose

- To show and explain periodontal disease conditions (gingival recession, bone resorption, calculus deposit) to patients
- To show and explain the adverse effects of horizontally impacted wisdom tooth as well as missing tooth

PATHOLOGICAL STUDY MODEL



PE-PER005

Features

- Inflamed gingiva with recession and tooth brushing abrasion on right quadrant shows view of dental calculus and exposed roots
- Normal condition with healthy gingiva shown on left quadrant

Purpose

- For explaining dental root exposure as a result of gingival retraction
- Allows easy comparison of diseased side with healthy side

PERIODONTAL DISEASE MODEL



PE-PER006

Features

- Inflamed gingiva with calculus and calculus deposit

Purpose

- For educating brushing for gingivitis and periodontitis conditions
- Explain calculus deposit condition