Patient Education Models Vol.2
Each NISSIN model-maker is a Craftsman, ...and an Artist.

Pure Craftsmanship - this is the source of the "Global NISSIN" we take pride in. Each NISSIN product is created with the "living body" as the ultimate model to follow, while meticulously shaping customer orders into reality, making recommendations, and perfecting them one by one.

What is required? - Experience, Instincts, Technique ...Commitment, Insights, Originality and Ingenuity.

Our models are nothing like an industrial product. Rather, one can say they are closer to an artifact, a work of art created by 'genius hands' ...representing the true soul of Japanese Craftsmanship.
### TOOTH DISEASE (TDS)

#### Permanent Teeth (adult teeth)

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#### Primary Teeth (baby teeth)

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#### How to read NISSIN's Patient Education Model Number

**PE-TDS001**

1. **Training Areas**
   - TDS: Tooth Disease
   - PND: Periodontics
   - ENO: Endodontics
   - IMP: Implants
   - FDS: Fixed Dentistry
   - STP: Restorative
   - ANA: Tooth Anatomy

2. **Model Category**
   - TDS: Tooth Disease
   - PND: Periodontics
   - ENO: Endodontics
   - IMP: Implants
   - FDS: Fixed Dentistry
   - STP: Restorative
   - ANA: Tooth Anatomy

3. **Sequence No.**
   - 001
   - 099

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**Features**
- Transparent acrylic resin model
- Demonstrates curies, fractured root, and pathologies of apical periodontium

**Purpose**
- Allows easy comparison of diseased side with the healthy side
- Ideal for education with the use of x-ray pictures

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**PC-TDS002**

1. **Training Areas**
2. **Model Category**
3. **Sequence No.**

**Features**
- Transparent acrylic resin model simulating a 6-year-old dentition
- Demonstrates ectopic eruption at the growing process of mixed dentition

**Purpose**
- For explaining permanent and primary teeth relationship at the mixed dentition stage
- For explaining apical lesion
- Ideal for education with the use of x-ray pictures

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**Caries Study Model**

**PE-TDS003**

1. **Training Areas**
2. **Model Category**
3. **Sequence No.**

**Features**
- Left quadrant demonstrates 4 stages of caries condition
- Right quadrant shows a healthy condition

**Purpose**
- For comparing and explaining healthy condition and caries condition
- Brushing demonstration

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**Please Note:**
- Due to product improvements, product specifications and design may change without notice.
- Products in this catalog may be discontinued without notice.
- The coloration of products shown in the catalog may differ from the actual product due to the printing.
- Products in this catalog are sold through distributors in each country. For information on a distributor in your country please contact NISSIN DENTAL PRODUCTS, INC.
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**TOOTH DISEASE (TDS)**

**PROSTHODONTIC PROCEDURE MODEL**

**PE-TDS004**
- **Features**
  - The left quadrant shows pre-treatment condition
  - The right quadrant shows post-treatment condition with restorations
  - Demonstrates prosthesis case on the upper jaw and filling on the lower jaw
- **Purpose**
  - For explaining various treatment methods depending on different caries conditions
  - For demonstration of cleaning missing teeth, brushing and flossing

**CARIES PROGRESSION MODEL**

**PE-TDS005**
- **Features**
  - Caries illustration model showing CO - C4 progression stages
  - Each tooth represents each stage to allow easy comparison of stages
  - Wedge-shaped defect, secondary caries and root caries conditions are represented
  - Pulpitis and apical lesion conditions are represented to illustrate the damaging impact of dental caries
- **Purpose**
  - To explain various stages of caries progression and conditions
  - Can be used in conjunction with patient’s x-ray images and pictures to explain the situation and offer treatment methods

**4x SIZE CARIES STUDY MODEL**

**PE-TDS006**
- **Features**
  - 4x size model
  - Demonstrates 3 stages of caries progression (C1 to C3)
  - #16 molar is vertically divided to show internal caries condition
- **Purpose**
  - For explaining the impact of C1 to C3 caries on the dental pulp
  - Can be used in conjunction with patient’s x-ray images and pictures to explain the situation
  - Tooth numbers indicated above follow the FDI Dental Numbering System

**MOLAR CROSS SECTION STUDY MODEL**

**PE-TDS007**
- **Features**
  - 2.5x size model
  - Vertically divided cross-section model of the lower right molar region
  - Allows occlusal, buccal and inside view of the molars showing caries and apical lesion conditions
- **Purpose**
  - For explaining impacted third molar condition
  - For explaining secondary caries after fitting prosthetic restoration

**MANDIBULAR STUDY MODEL**

**PE-TDS008**
- **Features**
  - Mandibular quadrant model with hinged buccal plate
  - Demonstrates impaction, abscess and caries conditions
- **Purpose**
  - For explaining caries condition and apical lesion on lower teeth
  - Ideal with the use of x-ray pictures

**4x SIZE PATHOLOGICAL STUDY MODEL**

**PE-TDS009**
- **Features**
  - Vertically divided cross-section tooth model (#46)
  - Demonstrates various pathologies (caries, dental calculus, dental attrition, etc.)
- **Purpose**
  - For explaining the impact of caries on the dental pulp
  - Stages of caries progression in the dentin, and dental attrition condition
  - Tooth numbers indicated above follow the FDI Dental Numbering System
**DENTAL RESTORATION/PROSTHESIS STUDY MODEL**

### PE-PRO001

**Features**
- Porcelain Inlay (17), Full Gold Crown (16), PFM Crown (15), PFM 3-unit Bridge (11–13), Post and Core (11), Porcelain Veneer (21), Implant Restoration (22), Targis All-ceramic Bridge (23–25), All-ceramic Crown (26), Porcelain Onlay (27).
- All restorations are fully removable.
- Transparent window in #22 gingival area to show implant structure.

**Purpose**
- Explain and suggest various types of crown & bridge restorations as well as implant restoration to patients.

- *Numbered reference page follows the DSM-5™ Nomenclature System.*

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### PE-PRO002

**Features**
- PFM Crown with Ceia Connecting Unit (17), PFM 3-unit Bridge (11–13), Post and Core (11), Porcelain Veneer (21), Maryland Bridge (21–23), Metal Connecting Unit for Partial Denture (24), Semi-precision Keyway for Partial Denture (26), Cast Gold Crown (26), Porcelain Inlay (27), Partial Denture.

**Purpose**
- Explain and suggest various types of crown & bridge restorations as well as partial denture to patients.

- *Numbered reference page follows the DSM-5™ Nomenclature System.*

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**FIBER POST COMPARISON MODEL**

### PE-PRO003

**Features**
- 2 enlarged removable all-ceramic crowns placed side-by-side.
- Removable fiber post and metal post.
- Metal post casts a shadow on the crown, making it less esthetic.
- Fiber post allows light to pass through the crown, making it more esthetic.
- Vertical fractures on the root of the metal post side.
- Clear see-through base.

**Purpose**
- Compare and explain the advantages of fiber posts vs. the disadvantages of metal posts.

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**INLAY/CROWN COMPARISON MODEL**

### PE-PRO002

**Features**
- Transparent base, flexible silicone root and pulp.
- Cross-sectioned molar with fractures and infection in the pulp horn underneath the inlay.
- Cross-sectioned prepared molar with porcelain crown.

**Purpose**
- Show and explain to patients the connection between inlay restorations and tooth fracture, and the possible formation of pulps underneath the inlay as a result of the fracture.
- Show and explain to patients the alternative of choosing a full porcelain crown instead of an inlay, depending on the circumstance, to avoid the risk of tooth fracture.
PE-END001

**Features**
- 5-stage model for visual demonstration of endodontic treatment steps
- Sagittally sectioned teeth with removable parts
- The teeth show the following conditions: normal condition, caries and pulpitis, pulp extirpation, canal enlargement, canal preparation, canal filling, post & core P/F/R restoration
- Transparent base and root allows view of the pulp cavity condition

**Purpose**
- To help patients visualize the steps and procedures for root canal treatment
- Can be used in conjunction with patient’s x-ray images and pictures to explain the situation

PE-END002

**Features**
- 5-stage model for visual demonstration of endodontic treatment steps
- Teeth with removable parts
- Transparent base and root allows view of the pulp cavity and apical lesion condition

**Purpose**
- To help patients visualize the steps and procedures for root canal treatment as well as the healing process of apical disease
- Can be used in conjunction with patient’s x-ray images and pictures to explain the situation

PE-END003

**Features**
- 6-stage model showing caries/lesion up to the final endodontic treatment and restoration
- Transparent base shows gradually diminishing apical lesion
- 4th stage molar and crown are removable

**Purpose**
- To help patients visualize the steps and procedures for root canal treatment
- Can be used in conjunction with patient’s x-ray images and pictures to explain the situation
PE-IMP001

Features
- 3.5x size enlarged lower posterior region
- Removable gingiva to expose the roots and implant fixture
- Both natural teeth (premolar and molar) are removable (crown and root)
- Removable bridge
- Removable implant crown and abutment

Purpose
- Explain the risks and problems of neglecting missing tooth to patients
- Compare and explain the features, advantages and disadvantages of implants vs. bridge
- Recommend implant or bridge treatment options to patients

PE-IMP002

Features
- Dental prosthesis (partial denture) on the lower right molar region
- Implants on the lower left molar region
- Transparent jaw allows view of the anatomical roots

Purpose
- For explaining the difference between dental prosthesis and implants
- For explaining the maintenance and cleaning methods for dental prosthesis and implants

PE-IMP003

Features
- Transparent base to show implant fixtures and bridge abutment
- Implant on both #41 and #46
- 3-unit bridge on #35-#37

Purpose
- Show and explain the various features of implants and bridges, and compare the difference (advantages and disadvantages) between the two options
- To offer the appropriate treatment to patients

* Tooth numbers indicated above follow the PFF Tooth Nomenclature System.
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 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 (438)
- Horizontally impacted 3rd molar (#17) on lower left posterior region
- Gingival recession condition exposing dental calculus and root
- 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 recession
- 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
**ORTHODONTICS (ORT)**

**TOOTH BRUSHING DEMONSTRATION MODEL**

**PE-ORT002**

**Features**
- Adult tooth brushing instruction model with permanently affixed orthodontic brackets and arch wire
- Left side shows conventional metal brackets
- Right side comes with clear brackets with colored elastic bands (upper) and clear elastic bands (lower)
- Assorted interchangeable spring elastic bands (colored and clear) allow different color combinations
- 2 times the natural size
- Lightweight construction and easy to hold

**Purpose**
- Proper brushing demonstration to patients that have orthodontic restorations
- Compare and explain the features of each bracket and ligature type
- Ideal for group education

**TOOTH BRUSHING DEMONSTRATION MODEL**

**PE-STP004** (Toothbrush)

**Description**
- Toothbrush for PE-ORT001

**PE-STP005** (Interdental brush)

**Description**
- Interdental brush for PE-ORT001

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**PEDIATRIC DENTISTRY (PDI)**

**DEVELOPMENTAL STUDY MODEL**

**PE-PDI001** (Age 3)

**Features**
- Transparent model demonstrating primary and permanent dentition in a correct eruption pattern
- Simulates a 3-year-old dentition
- Growth condition is easily visible from any direction or angle

**Purpose**
- Demonstrates x-ray pictures enables effective education of brushing for primary dentition.

**PE-PDI002** (Age 9)

**Features**
- Transparent model demonstrating permanent and primary dentition in a correct eruption pattern
- Simulates a 9-year-old dentition
- Growth condition is easily visible from any direction or angle

**Purpose**
- Brushing education for mixed dentition
- Ideal for education with the combined use of x-ray pictures

**PE-PDI003** (Age 12)

**Features**
- 12-year-old dentition model demonstrating pre-eruption permanent teeth condition
- Crown & loop and pedo denture are attached for space maintenance to prevent premature tooth loss

**Purpose**
- For explaining procedures taken after early loss of deciduous molar teeth
- Demonstration with x-ray pictures enables effective brushing education for mixed dentition

**DEVELOPMENTAL STUDY MODEL**

**PE-PDI004** (Age 3&6)

**Features**
- Demonstrates a 6-year-old dentition on the right quadrant and a 3-year-old dentition on the left quadrant
- Removable pink silicone gingiva exposes the normal teeth development condition underneath

**Purpose**
- Brushing education for 6-year-old molars
- Demonstration with x-ray pictures enables effective brushing education for mixed dentition

**PE-PDI005** (Age 5&9)

**Features**
- Demonstrates a 9-year-old dentition on the right quadrant and a 5-year-old dentition on the left quadrant
- Removable pink silicone gingiva exposes the normal teeth development condition underneath

**Purpose**
- Brushing education for 9-year-old molars
- Demonstration with x-ray pictures enables effective brushing education for mixed dentition

**PE-PDI006** (Age 9&12)

**Features**
- Demonstrates a 12-year-old dentition on the right quadrant and a 9-year-old dentition on the left quadrant
- Removable pink silicone gingiva exposes the normal teeth development condition underneath

**Purpose**
- Demonstration with x-ray pictures enables effective brushing education for mixed dentition
**PREVENTION (STP)**

**TOOTH BRUSHING DEMONSTRATION MODEL**

**PE-STP001**

**Features**
- Tooth brushing model for individual education and training
- Half-erupted tooth and crowded teeth conditions are represented
- Implant and bridge restorations on the lower right posterior region

**Purpose**
- To demonstrate and instruct brushing techniques for various abnormalities and tooth alignment conditions
- Teach proper brushing techniques for bridges and implants

**TOOTH BRUSHING DEMONSTRATION MODEL**

**PE-STP002** (Permanent dentition)

**Features**
- Adult tooth brushing instruction model with removable teeth
  - 4 times the natural size
  - Lightweight construction
  - Dental floss included

**Purpose**
- To demonstrate normal tooth brushing, interdental brushing, and dental flossing
- Ideal for group education

**TOOTH BRUSHING DEMONSTRATION MODEL**

**PE-STP003**

**Features**
- Pediatric tooth brushing instruction model with primary dentition
  - 2.5 times the natural size
  - Lightweight construction

**Purpose**
- To demonstrate normal tooth brushing, interdental brushing, and dental flossing
- Ideal for group education

**TOOTH BRUSHING DEMONSTRATION MODEL**

**PE-STP004**

**Description**
- Toothbrush for PE-STP002, PE-STP003

**Purpose**
- For explaining sealant application to developmental groove areas for the purpose of caries prevention
- For explaining progressed caries and treatment by metal inlay restoration

**TOOTH BRUSHING DEMONSTRATION MODEL**

**PE-STP005**

**Description**
- Interdental brush for PE-STP002, PE-STP003

**TOOTH BRUSHING DEMONSTRATION MODEL**

**PE-STP006**

**Description**
- Toothbrush for PE-STP002, PE-STP003

**Purpose**
- To demonstrate normal tooth brushing, interdental brushing, and dental flossing
- Ideal for group education

**PROSTHESIS CARE AND BRUSHING MODEL**

**PE-STP011**

**Features**
- Removable partial denture and 3-unit implant bridge
  - 2 times the natural size with tongue
  - Lightweight construction

**Purpose**
- Proper brushing demonstration to patients who have partial dentures and implant restorations

**CARIES PREVENTION MODEL**

**PE-STP007**

**Features**
- X-ray size model
- Upper posterior teeth show caries metal inlay restoration as well as sealant for caries prevention

**Purpose**
- For explaining sealant application to developmental groove areas for the purpose of caries prevention
- For explaining progressed caries and treatment by metal inlay restoration

**CARIES PREVENTION MODEL**

**PE-STP008**

**Features**
- Various caries conditions shown on the upper right premolar and molar
- Sealant treatment demonstrated on the healthy second molar

**Purpose**
- Explain the use and effectiveness of sealants for caries treatment and prevention

**X-RAY FILM MODEL**

**PE-STP009**

**Features**
- Lower quadrant silicone model with anatomically rooted teeth
- Caries located in the interproximal contact areas, hard to detect
- Simulated X-ray film showing interproximal caries

**Purpose**
- Show and explain to patients why taking X-Rays are necessary during each visit to the dentist’s office for check-up
TOOTH ANATOMY (ANA)

STUDY MODEL WITH REMOVABLE TEETH

PE-ANA001
(Transparent pink silicone gingiva)

PE-ANA002
(Pink silicone gingiva)

- Features
  - Full upper and lower jaws with 28 anatomically rooted teeth (transparent gingiva on PE-ANA001 allows view of roots)
  - Soft silicone gingiva allows easy removal and replacement of teeth

- Purpose
  - Personal tooth brushing training
  - To show and explain tooth form

STUDY MODEL WITH REMOVABLE TEETH (PRIMARY)

PE-ANA003
(Transparent pink silicone gingiva)

PE-ANA004
(Pink silicone gingiva)

- Features
  - Full upper and lower jaws with naturally colored anatomically rooted primary teeth (translucent gingiva on PE-ANA003 allows view of roots)
  - Soft silicone gingiva allows easy removal and replacement of teeth

- Purpose
  - Tooth brushing education for pediatric dentistry
  - To show and explain tooth form

TRANSPARENT JAW MODEL WITH TEETH

PE-ANA005

- Features
  - Transparent model demonstrating mixed dentition
  - Allows patient education for treatment and brushing
  - Effective with x-ray pictures

- Purpose
  - For self brushing education
  - For explaining how the occlusal pressure affects the tooth root

WHITEBOARD FOR PATIENT EDUCATION

PE-ANA007
(Posterior)

- Features
  - Writable whiteboard describing teeth and parodontium of the posterior region
  - Blue and red markers included

PE-ANA008
(Anterior)

- Features
  - Writable whiteboard describing teeth and parodontium of the anterior region
  - Blue and red markers included

- Purpose
  - Ideal for suggesting treatment planning to patients during visits

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(The model number inside the brackets [ ] represents the old model number. Please use this index when you need to compare the new model number to the old numbers.)
NISSIN DENTAL PRODUCTS INC.
Kameoka Plant  22-1 Miyabiyashiki, Asahi-cho, Kameoka-shi, Kyoto Japan

has been assessed and certified as meeting the requirements of

ISO 9001:2008

For the following activities:
1. Design and manufacture of dental study model
2. Design, development, manufacture, import and sales of dental materials
3. Design, development, manufacture of cosmetics

Further clarifications regarding the scope of this certificate and the applicability of
ISO 9001:2008 regulations may be obtained by contacting the organisation.

This certificate is valid from 25 May 2011 until 25 May 2014 and
remains valid subject to satisfactory surveillance audits.
Re-certification audit due before 25 May 2014
Issue 5. Certified since 26 May 2008

This is a multi-site certification
Additional site details are listed on the subsequent page.

Authenticated by:

SGS United Kingdom Ltd.
Systems & Services Certification
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Tel: +44 (0)1371 220498  Fax: +44 (0)1371 220500 www.sgs.com

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