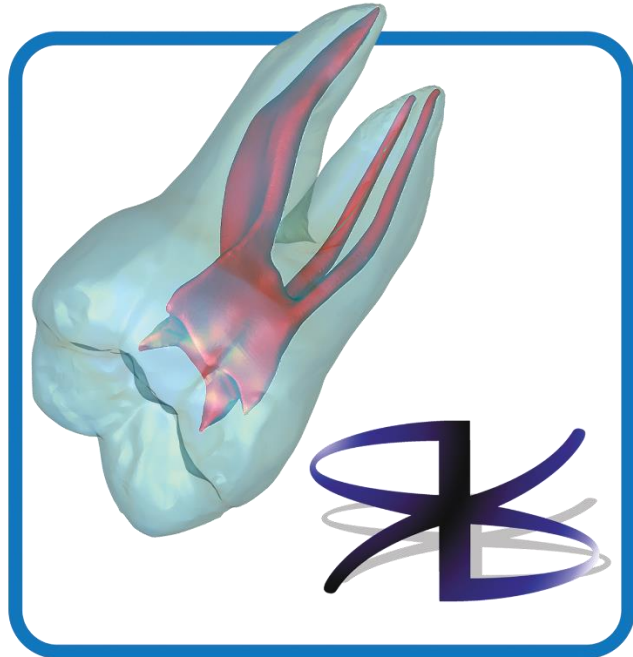


DRSK RCT



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Summary

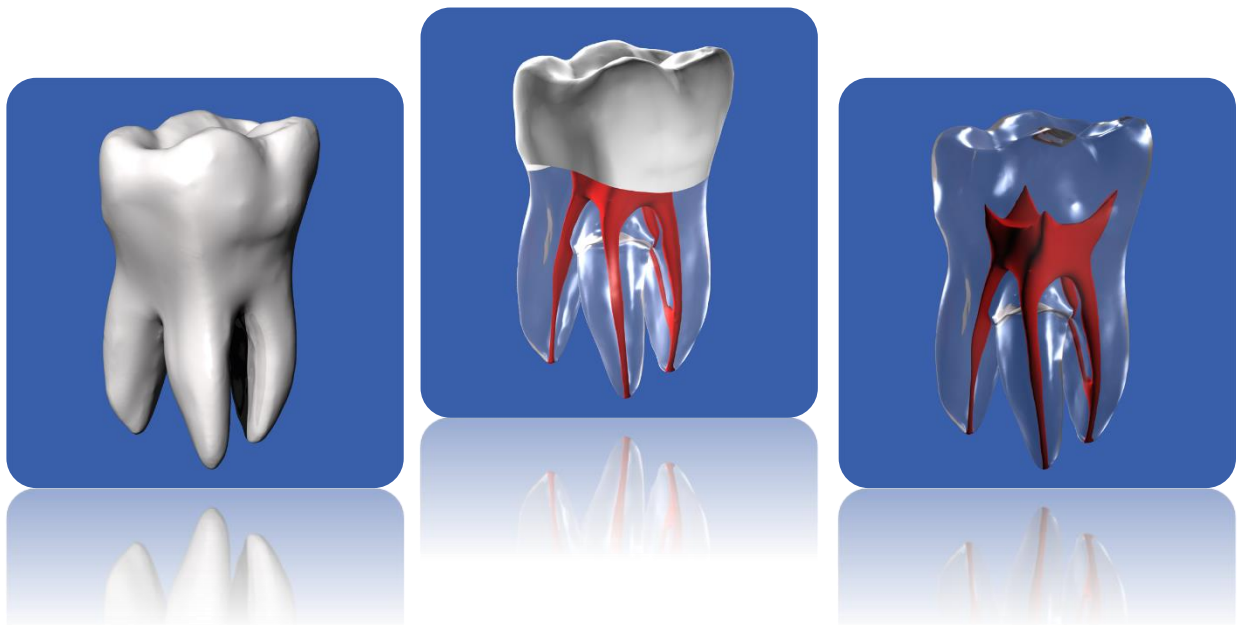
DRSK RCT is an endo tooth model, 3D-designed and equipped with pulp cavity and root canal(s). It comes in different shapes and variations, corresponding to various teeth in a natural dentition. DRSK RCT is an excellent educational tool for the preclinical students to learn how to correctly perform root canal treatments, prior to practicing on actual patients.

The models can be easily modified and customized according to customers' needs, such as making them fit into the pre-existing jaw models, creating different anatomic variations and anomalies, creating specific models for student evaluation and board examinations or academic researches.

DRSK RCT is manufactured from material with mechanical properties comparable to a natural tooth. The material is comparable to dentin in its hardness and e-modulus. Penetrating the pulp chamber and filing can be done on DRSK RCT in very much the same way as on a natural tooth, while it generates a similar tactile feedback. In radiographs there is a distinct radiopacity difference between the tooth and the file. DRSK RCT is available in transparent or white material. The *Regular* models can also be sold with white crowns and transparent roots. The material used in this model is proved as non-cancerogenic.

This tooth model is suitable for practicing root canal treatment techniques using both manual files and rotary systems. Larger size (Quadruple Size) of selected DRSK RCT models can as well be ordered for demonstration purposes.

DRSK RCT is designed and manufactured in Sweden.



Versions

DRSK RCT-p (Pre-accessed)

DRSK RCT-p is a pre-accessed endo tooth model. It features a fully shaped access cavity that allows the practitioner to directly engage the canals with files. It saves the practitioner from drilling the access cavity and therefore is best suited to cases where the main focus is to work in the canals.

DRSK RCT-r (Regular)

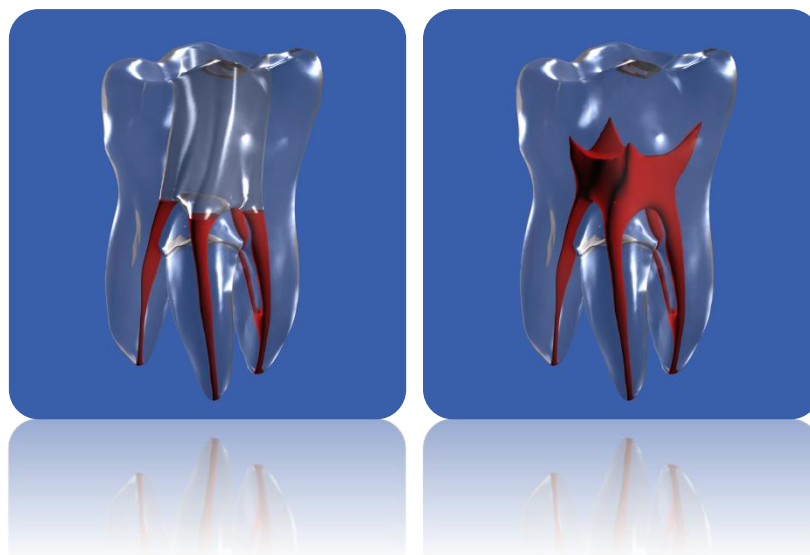
DRSK RCT-r is an endo tooth model resembling an intact tooth. To practice RCT on this model one has to start by drilling an access cavity. It is suitable for practicing every stage of an ordinary root canal treatment, from the fundamental access cavity preparation all the way to the canal obturation.

DRSK RCT-c (Custom Design)

DRSK RCT-c is a custom designed tooth model that can be either developed from scratch or alternatively created from modifying the existing models. Such customized models follow the customer's requirements on the anatomy of the tooth and the pulp. DRSK RCT-c can be used for various purposes including educational or presentational.

DRSK RCT-d (Demonstration)

DRSK RCT-d is a tooth model produced in a large size. Presenting a magnified view of the tooth pulp and root canals, this scaled-up model can help practitioners better explain to their patients the procedure of a root canal treatment and its complexity. It can also clearly illustrate root canal anomalies and treatment errors.



Features

Remarkable features of DRSK RCT:

- Mechanical properties of the canal walls are close to the dentin.
- Their anatomy is appropriate for practicing root canal treatment.
- The apical end of canals can be as narrow as 0.15 ± 0.07 mm.
- With RCT-r, trainees can practice access cavity preparation and get a realistic tactile feeling of pulp exposure.
- Pulp chambers in RCT-r are anatomically shaped and feature distinct pulp horns.
- RCT-p facilitates working in canals directly without need to drill the access cavity.
- DRSK RCT models can be radiographed and obturated.
- Basic models can be modified into different anatomic variations upon request.

Possible applications for DRSK RCT:

- Undergraduate, graduate and postgraduate endodontic courses
- Evaluating root canal treatment skills
- Academic researches
- Practicing post & core build-up and prosthodontic treatments
- Practicing apexification
- Practicing how to treat perforations
- Practicing retreatment
- Demonstrating rotary instruments and rotary file techniques
- Demonstrating irrigation and obturation systems and techniques
- Demonstrating root canal filling material
- Demonstrating root repair material
- Demonstrating endodontic laser equipment
- Demonstrating and practicing apex locators
- Practicing removal of broken files
- Demonstrating dental microscopes and loupes
- Researches focused on irrigation techniques
- Visualizing dental anomalies

DRSK RCT comes in its standard versions, however it is possible to custom design any selected tooth. The possibilities for customization include, but are not limited to:

- Making the teeth fit into the pre-existing jaw models
- Creating different anatomic variations
- Creating pathologic situations and anomalies
- Creating models for student evaluation, board examinations or academic researches
- Creating models which can demonstrate perforations and other complications faced in treating root canals

Specifications

- All measurements are in millimeter with ± 1 mm accuracy.
- The accompanying images are the schematic representations of actual models.
- The apical end of canals can be as narrow as 0.15 ± 0.07 mm.
- DRSK RCT is available in transparent or white material. The *Regular* models can also be sold with white crowns and transparent roots.
- The list of available DRSK RCT models will be regularly updated as new versions are being developed. For receiving the updated list of DRSK products in future, please contact [sales department](#).

Maxillary central incisor

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 23.5
 BL width: 8
 MD width: 8.2



Article code	Accessed	Color
2111-1A1-PCL	Yes	Transparent
2111-1A1-PWH	Yes	White
2111-1A1-RCL	No	Transparent
2111-1A1-RWH	No	White
2111-1A1-RCW	No	White Crown & Transparent Root

Special features: Refined anatomy

Suggested for: University courses, Demonstrating rotary instruments

Maxillary central incisor

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 21
 BL width: 8
 MD width: 8.2



Article code	Accessed	Color
2111-1A2-PCL	Yes	Transparent
2111-1A2-PWH	Yes	White
2111-1A2-RCL	No	Transparent
2111-1A2-RWH	No	White

Special features: Immature root with open apex, Refined anatomy

Suggested for: University courses, Postgraduate courses, Practicing apexification, Demonstrating root repair material

Maxillary central incisor

Number of roots: 1
Number of canals: 1
Canal system:
• 1 orifice, 1 apex
Tooth length: 23.5
BL width: 8
MD width: 8.2



Article code	Accessed	Color
2111-1TP-PCL	Yes	Transparent

Special features: Shaped root canal with a specific width and taper (customizable)
Suggested for: Demonstrating irrigation systems, Researches focused on irrigation techniques

Maxillary central incisor

Number of roots: 1
Number of canals: 1
Canal system:
• 1 orifice, 1 apex
Tooth length: 17.5
BL width: 7.5
MD width: 7.5



Article code	Accessed	Color
2111-1R1-XCL	N/A	Transparent
2111-1R1-XWH	N/A	White

Special features: Destroyed and prepared crown
Suggested for: Post and core build-up, Prosthodontic practice

Maxillary central incisor

Number of roots: 1
Number of canals: 1
Canal system:
• 1 orifice, 1 apex
Tooth length: 17.5
BL width: 7.5
MD width: 7.5



Article code	Accessed	Color
2111-1R2-XCL	N/A	Transparent
2111-1R2-XWH	N/A	White

Special features: Destroyed and prepared crown, Shaped root canal
Suggested for: Post and core build-up, Prosthodontic practice

Maxillary central incisor

Number of roots: 1
Number of canals: 1
Canal system:
• 1 orifice, 1 apex
Tooth length: 17.5
BL width: 7.5
MD width: 7.5



Article code	Accessed	Color
2111-1R3-XCL	N/A	Transparent
2111-1R3-XWH	N/A	White

Features: Destroyed and prepared crown, Gutta percha filling
Suggested for: Practicing retreatment, Post and core build-up, Prosthodontic practice

Maxillary central incisor

Number of roots: 1
Number of canals: 1
Canal system:
• 1 orifice, 1 apex
Tooth length: 23.5
BL width: 8
MD width: 8.2



Article code	Accessed	Color
2111-1KR-PCL	Yes	Transparent

Special features: Shaped root canal
Suggested for: Demonstrating irrigation systems, Demonstrating irrigation techniques, Demonstrating obturation systems, Demonstrating root canal filling material

Maxillary central incisor

Number of roots: 1
Number of canals: 1
Canal system:
• 1 orifice, 1 apex
Tooth length: 94
BL width: 32
MD width: 32



Article code	Accessed	Color
2111-1A1- DCL	No	Transparent

Special features: Quadruple Size (4X)

Maxillary first premolar

Number of roots: 2
 Number of canals: 2
 Canal system:
 • 2 orifices, 2 apices
 Tooth length: 23
 BL width: 10
 MD width: 7



Article code	Accessed	Color
2422-101-PCL	Yes	Transparent
2422-101-PWH	Yes	White
2422-101-RCL	No	Transparent
2422-101-RWH	No	White
2422-101-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Maxillary first premolar

Number of roots: 2
 Number of canals: 2
 Canal system:
 • 2 orifices, 2 apices
 Tooth length: 23.5
 BL width: 11
 MD width: 8.5



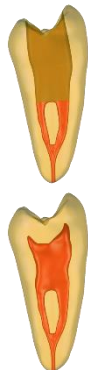
Article code	Accessed	Color
2422-1KR-PCL	Yes	Transparent

Special features: Shaped root canals

Suggested for: Demonstrating irrigation systems, Demonstrating irrigation techniques, Demonstrating obturation systems, Demonstrating root canal filling material

Maxillary first premolar

Number of roots: 1
 Number of canals: 2
 Canal system:
 • 2 orifices, 1 apex
 • Weine Type II
 Tooth length: 22.5
 BL width: 10
 MD width: 7



Article code	Accessed	Color
2412-2A2-PCL	Yes	Transparent
2412-2A2-PWH	Yes	White
2412-2A2-RCL	No	Transparent
2412-2A2-RWH	No	White
2412-2A2-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Maxillary first molar

Number of roots: 3
 Number of canals: 4
 Canal system:
 • Palatal: 1 orifice, 1 apex
 • MB: 2 orifices, 1 apex
 • DB: 1 orifice, 1 apex
 Tooth length: 21 (Palatal)
 BL width: 11
 MD width: 10.5



Article code	Accessed	Color
2634-201-PCL	Yes	Transparent
2634-201-PWH	Yes	White
2634-201-RCL	No	Transparent
2634-201-RWH	No	White
2634-201-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Maxillary first molar

Number of roots: 3
 Number of canals: 4
 Canal system:
 • Palatal: 1 orifice, 1 apex
 • MB: 2 orifices, 1 apex
 • DB: 1 orifice, 1 apex
 Tooth length: 80 (Palatal)
 BL width: 40
 MD width: 40



Article code	Accessed	Color
2634-201- DCL	No	Transparent

Special features: Quadruple Size (4X)

Maxillary first molar

Number of roots: 3
 Number of canals: 4
 Canal system:
 • Palatal: 1 orifice, 1 apex
 • MB: 2 orifices, 2 apices
 • DB: 1 orifice, 1 apex
 Tooth length: 21 (Palatal)
 BL width: 11
 MD width: 10.5



Article code	Accessed	Color
2634-301-PCL	Yes	Transparent
2634-301-PWH	Yes	White
2634-301-RCL	No	Transparent
2634-301-RWH	No	White
2634-301-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Maxillary first molar

Number of roots: 3
 Number of canals: 3
 Canal system:
 • Palatal: 1 orifice, 1 apex
 • MB: 1 orifices, 1 apex
 • DB: 1 orifice, 1 apex
 Tooth length: 21 (Palatal)
 BL width: 11
 MD width: 10.5



Article code	Accessed	Color
2633-101-PCL	Yes	Transparent
2633-101-PWH	Yes	White
2633-101-RCL	No	Transparent
2633-101-RWH	No	White
2633-101-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Maxillary first molar

Number of roots: 3
 Number of canals: 3
 Canal system:
 • Palatal: 1 orifice, 1 apex
 • MB: 1 orifices, 1 apex
 • DB: 1 orifice, 1 apex
 Tooth length: 21 (Palatal)
 BL width: 11
 MD width: 10.5



Article code	Accessed	Color
2633-102-PCL	Yes	Transparent
2633-102-PWH	Yes	White

Special features: Trifurcation perforation, Strip perforation in MB canal, Immature root with open apex, Thin-walled palatal root, Resected DB canal, Retrograde cavity in DB root

Suggested for: University courses, Postgraduate courses, Demonstrating root repair material

Mandibular central incisor

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 23
 BL width: 5.6
 MD width: 5.3



Article code	Accessed	Color
3111-101-PCL	Yes	Transparent
3111-101-PWH	Yes	White
3111-101-RCL	No	Transparent
3111-101-RWH	No	White
3111-101-RCW	No	White Crown & Transparent Root

Suggested for: University courses

Mandibular central incisor

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 • 1-2-1, Vertucci Type III
 Tooth length: 23
 BL width: 5.6
 MD width: 5.3



Article code	Accessed	Color
3111-201-PCL	Yes	Transparent
3111-201-PWH	Yes	White
3111-201-RCL	No	Transparent
3111-201-RWH	No	White
3111-201-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Mandibular canine

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 26.5
 BL width: 7.5
 MD width: 5.8



Article code	Accessed	Color
3311-101-PCL	Yes	Transparent
3311-101-PWH	Yes	White
3311-101-RCL	No	Transparent
3311-101-RWH	No	White
3311-101-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Mandibular first premolar

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 25.5
 BL width: 8
 MD width: 6.7



Article code	Accessed	Color
3411-101-PCL	Yes	Transparent
3411-101-PWH	Yes	White
3411-101-RCL	No	Transparent
3411-101-RWH	No	White
3411-101-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Mandibular first premolar

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 22
 BL width: 8
 MD width: 6.5



Article code	Accessed	Color
3411-1A1-PCL	Yes	Transparent
3411-1A1-RCL	No	Transparent
3411-1A1-RCW	No	White Crown & Transparent Root

Special features: Moderate root dilaceration, Double-curved canal, Moderate complexity level
Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Mandibular first premolar

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 22
 BL width: 8
 MD width: 6.5



Article code	Accessed	Color
3411-1A2-PCL	Yes	Transparent

Special features: Moderate root dilaceration, Double-curved canal, Advanced complexity level
Suggested for: Postgraduate courses, Demonstrating rotary instruments

Mandibular first premolar

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 22.5
 BL width: 8
 MD width: 6.5



Article code	Accessed	Color
3411-1A3-PCL	Yes	Transparent
3411-1A3-PWH	Yes	White
3411-1A3-RCL	No	Transparent
3411-1A3-RWH	No	White
3411-1A3-RCW	No	White Crown & Transparent Root

Special features: Refined anatomy, Apical curve

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Mandibular first premolar

Number of roots: 1
 Number of canals: 1
 Canal system:
 • 1 orifice, 1 apex
 Tooth length: 22.5
 BL width: 8
 MD width: 6.5



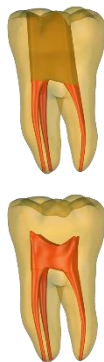
Article code	Accessed	Color
3411-1A4-PCL	Yes	Transparent

Special features: Ledged root canal, Gutta percha filling, Apical curve

Suggested for: Practicing retreatment

Mandibular first molar

Number of roots: 2
 Number of canals: 3
 Canal system:
 • Mesial: 2 orifices, 2 apices
 • Distal: 1 orifice, 1 apex
 Tooth length: 20
 BL width: 9.5
 MD width: 11



Article code	Accessed	Color
3623-101-PCL	Yes	Transparent
3623-101-PWH	Yes	White
3623-101-RCL	No	Transparent
3623-101-RWH	No	White
3623-101-RCW	No	White Crown & Transparent Root

Suggested for: University courses, Postgraduate courses, Demonstrating rotary instruments

Ordering

- Minimum order quantity is 10 units.
- Minimum order quantity for large size models (Quadruple Size) is 1 unit.
- Each order can contain one type or combination of different types.
- For placing an order, send an email to sales@drsk.com.



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