KIT 1594
VETERINARY BASIC EXTRACTION CAT RA

SPECIALIZED FELINE ORAL SURGERY



CHALLENGES

IN VETERINARY DENTISTRY (CAT)

SPECIFIC CONSIDERATIONS IN FELINE EXODONTICS REQUIRE SPEZIALIZED SOLUTIONS:

- **Space and Visibility in the Feline Mouth:** The feline oral cavity presents unique anatomical challenges due to its limited working space and delicate structures. Used in a contra-angle handpiece, RA instruments offer excellent access, even in the tightest spaces. Their ergonomic design supports efficient instrument guidance and helps clinicians maintain optimal visibility.

- **Protection against iatrogenic tissue damage:** Because feline teeth are small and fragile, precise instrument control is essential. While FG instruments are typically used at high rotational speeds, RA burs are designed for use in a micromotor-driven contra-angle handpiece, allowing controlled operation at lower speeds with a maximal preservation of surrounding structures.

OUR SOLUTION: JOTA KIT 1594 VETERINARY BASIC EXTRACTION CAT RA

The **JOTA Kit 1594 Veterinary Basic Extraction Cat RA** adapts Swiss manufacturing precision to the highly sensitive requirements of modern feline dentistry. Coarse diamond grit was deliberately omitted from the setup. Instead, the kit relies on a finely tuned assortment of premium tungsten carbide burs. These tools were specifically selected for the filigree structures of the feline jaw to guarantee the highest degree of safety and efficiency during daily surgical challenges.
The instrument design solves the problem of extremely limited access in the feline oral cavity. The entire geometry is uncompromisingly calibrated to the tight space constraints and delicate structures of the cat. Through the consistent focus on the right-angled contra-angle shank (RA), the veterinarian gains that crucial extra bit of operating space and tactile feed-back.
Working at low speeds ensures that the risk of uncontrolled slipping is minimized, a critical protection for the highly sensitive feline soft tissue. At the same time, the fine blades of the carbide instruments feature optimized cutting behavior. They operate virtually vibration-free and prevent critical heat generation. Consequently, thermal stress on the delicate alveolar bone is consistently avoided, promoting rapid postoperative healing.

SWISS PRECISION

FOR VETERINARY MEDICINE (CAT)

ANATOMICAL REQUIREMENTS & INSTRUMENT SELECTION:

Minimally Invasive Procedures in CATS
The RA instrumentation accelerates and refines the four essential pillars of feline oral surgery through high cutting efficiency and minimized force exertion:

- **Surgical Tooth Extractions:**
  Carbide round burs (C1.RA) in different sizes allow highly precise and controlled alveolectomies without pressure on the delicate jaw.
- **Crown Amputation:**
  The targeted, clean reduction of the tooth crown just below the gingival level in radiologically confirmed Type 2 Resorptive lesions.
- **Tooth Sectioning:**
  Fragment-free, tactile sectioning of multi-rooted molar and premolar teeth using the carbide fissure burs (C21.RA, C21R.RA) prior to the actual extraction to prevent root fractures.
- **Fine Bone Preparation:**
  Smoothing sharp bone edges (alveoloplasty) after extraction for a pain-free, rapid wound closure.



CONCLUSION

STRICT FOCUS ON THE DELICATE FELINE ANATOMY

The **JOTA KIT 1594 VETERINARY BASIC EXTRACTION CAT RA** deliberately avoids compromises and focuses purely on the unique, fragile anatomy of the cat. It offers veterinarians maximum sensitivity and surgical control at low speeds to perform highly sensitive interventions in the feline mouth in an absolutely safe, tissue-preserving, and reproducible manner.

2 STEP SYSTEM

1 ***ALVEOLAR BONE REMOVAL & CROWN AMPUTATION***



2 ***TOOTH SEPARATION (MULTIROOTED TEETH)***

1 ALVEOLAR BONE REMOVAL & CROWN AMPUTATION

CARBIDE ROUND BUR | LOW SPEED

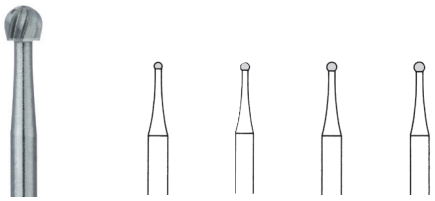
Instruments: Size selection depending on the patient's anatomy

Alveolar Bone Removal (Alveolectomy):
The RA shank in the micromotor prevents vibrations, protects the thin oral mucosa from thermal damage, and allows highly precise scalloping of the alveolar margin.

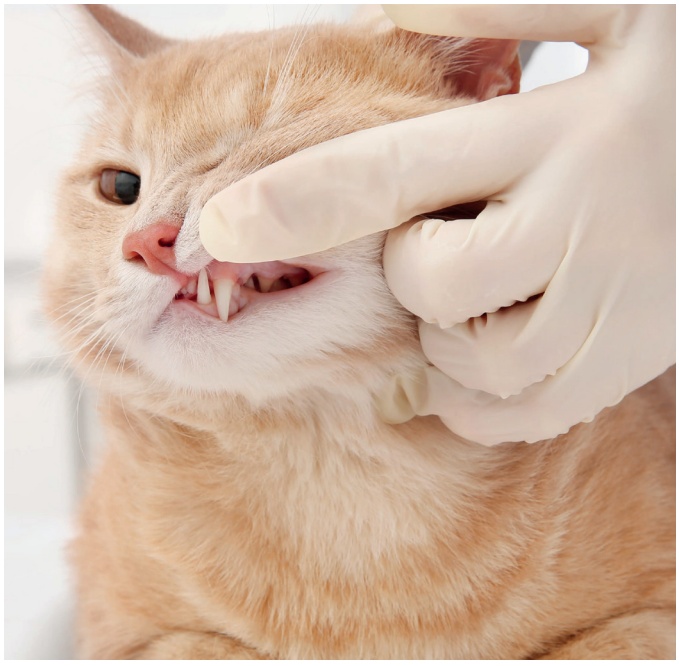
Root Smoothing & Crown amputation: In Type 2 Resorptive Lesions, where the tooth root is already replaced with bone, the tooth crown is cleanly amputated. Remaining portions are smoothened using the round burs.

CARBIDE INSTRUMENTS - C1.RA.012 TO C1.RA.018

C1.RA.012 - 018
Carbide burs,
round, RA shank
↻max. 160'000 rpm



Application:
Removal of the buccal alveolar bone using the appropriate round bur. Crown amputation in patients with Type 2 Resorptive Lesions.



2 ROOT DIVISION (ODONTOTOMY)

CARBIDE FISSURE BURS & TAPERED BURS

Instruments: Size selection depending on the patient's anatomy

Carbide instrument for precise segmentation of Feline molar and premolar multi-rooted teeth. The low speed of the RA system gives the veterinarian the necessary tactile feedback to separate the tooth completely without perforating the underlying bone.

Specialized Geometries: Pointed ends (C21R.RA.012) allow advancement precisely to the bifurcation (furcation) of the tooth root without jamming.

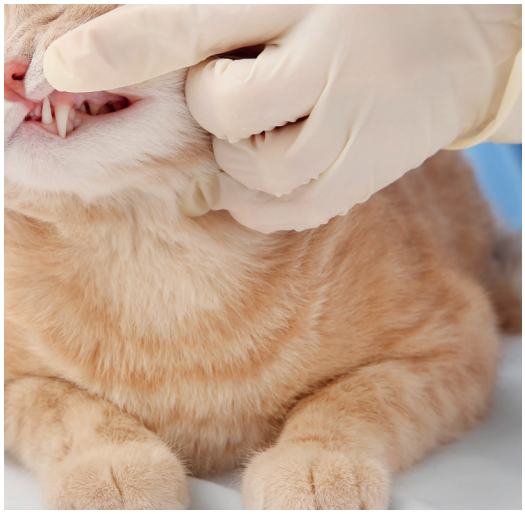
C21.RA.008
Carbide bur,
side and end cutting
↻max. 160'000 rpm



C21R.RA.012
Carbide bur, cylindrical,
end hemispherical
↻max. 160'000 rpm



Application:
Position the fissure bur at the furcation of multi-rooted teeth. Cleanly section the crown through to the interradicular space.



REFILL & ORDER INFORMATION






REFERENCE	500204001001012	500204001001014	500204001001016	500204001001018
MATCHCODE JOTA	C1.RA.012	C1.RA.014	C1.RA.016	C1.RA.018
COVETRUS REF. NO.	207512	207514	207516	207518
DESCRIPTION	Carbide Round Bur Micro-bur for maximum tactility	Carbide Round Bur For fine bone preparation and controlled root exposure	Carbide Round Bur Universal bone bur for the delicate feline jaw.	Carbide Round Bur For efficient bone removal.




REFERENCE	500204107006008	500204137006012
MATCHCODE JOTA	C21.RA.008	C21R.RA.012
COVETRUS REF. NO.	204107	20230711
DESCRIPTION	Carbide Fissure Bur Ultra-thin, for the splinter-free sectioning of the smallest roots	Carbide Fissure Bur Tapered with protective rounded tip for safe crown amputations



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