

One of the informed consent forms included in the study was photographed and scanned. The following is the Chinese version:



中国科学院大学
杭州口腔医院 平海院区
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显微根管外科手术知情同意书

尊敬的患者（家属）：

牙体牙髓科是从从事牙体病（牙体缺损、折裂、变色、畸形）和牙髓病（牙齿疼痛、肿胀）诊疗工作的专业科室。我科拥有先进的医疗设备和技術，丰富的临床工作经验，在医疗水平上不断提高使之与国际接轨。

显微根管外科手术是治疗非手术根管治疗失败；非手术根管治疗后桩冠修复，随访发现根尖病变扩大或持续存在解剖变异和常规根尖手术失败；根管治疗过程中的失误如穿孔、器械折断于根管内、超充等。我科引进国际上最先进的根管显微镜、超声器械和材料，在国内率先开展这项治疗，取得了良好的效果。该治疗方法技术含量高，难度大，操作复杂，就诊时间长，价格相对较高。因牙齿根管受种族、年龄、遗传、全身疾病、病变程度等影响，有明显的个体差异，即使同一个体的不同牙齿根管也有很大差异，这些都给手术治疗增加了难度，影响治疗中和治疗后的临床效果，因此，在手术治疗过程中及治疗后可能出现以下问题：

- 1、术后引起短期的疼痛肿胀；
- 2、手术如有神经损伤可能引起感觉异常，局部组织麻木感；
- 3、术中出现血形成血肿，皮肤会有短期颜色的改变；
- 4、过敏体质者可能会出现药物过敏；
- 5、根尖破坏大，手术治疗效果不佳而拔除。

我们将以高尚的职业道德和饱满的工作热情为您治疗，希望您在充分了解上述内容的基础上做出您的选择，并接受治疗。

感谢您的信任与合作！

患者（家属）意见：

我已充分了解上述治疗内容风险及费用，同意接受治疗并支付费用。

患者（家属）签名

医师：

杭州口腔医院 VIP

2022年3月2日

English Translation of Informed Consent for Apical Microsurgery:

Informed Consent for Micro-Surgical Endodontic Treatment

Dear patient (family members):

The Department of Endodontics is a specialized department engaged in the diagnosis and treatment of dental diseases (tooth defect, fracture, discoloration, deformity) and dental pulp diseases (tooth pain, swelling). Our department has advanced medical equipment and technology, extensive clinical experience, constantly improve the medical level to make it in line with the international standards.

Microscopic root canal surgery is the treatment for failure of non-surgical root canal therapy; post-crown restoration after non-surgical root canal treatment, follow-up found that the apical lesions were enlarged or persistent anatomical variations and conventional apical surgery failures. Errors during root canal treatment such as perforation, instrument breaking in root canal, overfilling, etc. Our department recommends the most advanced root canal microscopes, ultrasonic instruments and materials in the world, and took the lead in carrying out this treatment in China, and achieved good results. This treatment procedure with high expenses is high tech-high, complex, time consuming. Because the root canal is affected by race, age, genetics, systemic diseases, and the degree of pathological changes, there are obvious individual differences, even the root canals of different teeth of the same individual are also very different, which makes the surgical treatment more difficult and influences the clinical effect between or after the operation.

1. Short-term pain and swelling caused after surgery;
2. If there is nerve injury during surgery, it may cause paresthesia and local organization numbness;
3. Intraoperative blood formation of hematoma, the skin will have short-term color changes;
4. People with allergies may have drug allergies;
5. The root tip is damaged greatly, and the surgical effect is not good and it is removed. ,

We will treat you with High professional ethics and quality and full enthusiasm for work. I hope you will make your choice and receive treatment based on a full understanding of the above content.

Thank you for your trust and cooperation!

PATIENT'S DIAGNOSIS:

DENTIST'S DIAGNOSIS:

DATE: