

# 品管圈对促进牙科诊疗器械消毒环节规范化管理的作用

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**【摘要】目的** 探析品管圈对促进口腔科诊疗器械消毒环节规范化管理的作用。**方法** 选取 2016 年 7 月~2017 年 6 月我院口腔综合科使用的 800 件诊疗器械作为研究对象, 其中 2016 年 7 月~2016 年 12 月实施常规消毒管理; 2017 年 1 月~2017 年 6 月应用品管圈。对比品管圈应用前后诊疗器械消毒合格率和菌群浓度。**结果** 品管圈应用后根管治疗器械、车针、超声波洁牙机工作尖、牙周治疗器械和拔牙器械的消毒合格率分别为 96.30%、95.65%、100%、93.75% 和 100%, 均较应用前的 92.59%、91.30%、89.47%、87.50% 和 93.33% 明显提升 ( $P < 0.05$ )。品管圈应用后诊疗器械中金黄色葡萄球菌、绿脓杆菌、念珠菌、A 型溶血链球菌以及曲霉菌菌群浓度均较应用前明显下降 ( $P < 0.05$ )。**结论** 在口腔诊疗器械消毒管理中运用品管圈能够进一步提高消毒管理效果, 降低菌群浓度, 可作为优选管理方案推广使用。

**【关键词】** 品管圈 牙科器械 规范化管理 消毒 菌群浓度

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## Effects of quality control circle on promoting standardized management of disinfection procedures in Dentistry

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**【Abstract】Objective** To investigate the effect of quality control circle on promoting standardized management of disinfection procedures in Department of Stomatology. **Methods** 800 cases of medical instruments used in Department of Stomatology from July, 2016 to June, 2017 were selected as the research objects, and January, 2017 was chosen as the time point, the routine disinfection management was applied from July 2016 to December 2016, and the quality control circle was applied in the disinfection management in the General Department of Stomatology from January 2017 to June 2017. Before and after the application of the quality control circle, the qualification rate and the concentration of the bacteria in the diagnosis and treatment equipment were compared. **Results** After the application of the quality control circle in posterior root canal therapy, the qualified rate of disinfection of root canal treatment equipment, burs, ultrasonic tipper tip, periodontal treatment equipment, tooth extraction device was 96.30%, 95.65%, 100%, 93.75% and 100%, respectively, which were significantly higher, compared to the qualified rate of 92.59%, 91.30%, 89.47%, 87.50% and 93.33% of the disinfection before applying the quality control, and the difference was statistically significant ( $P < 0.05$ ). The concentrations of *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Candida*, A type hemolytic streptococcus and *Aspergillus* in