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Possible aerosol transmission of COVID-19 and special precautions in dentistry

Key words: COVID-19, Aerosol, Infection Control

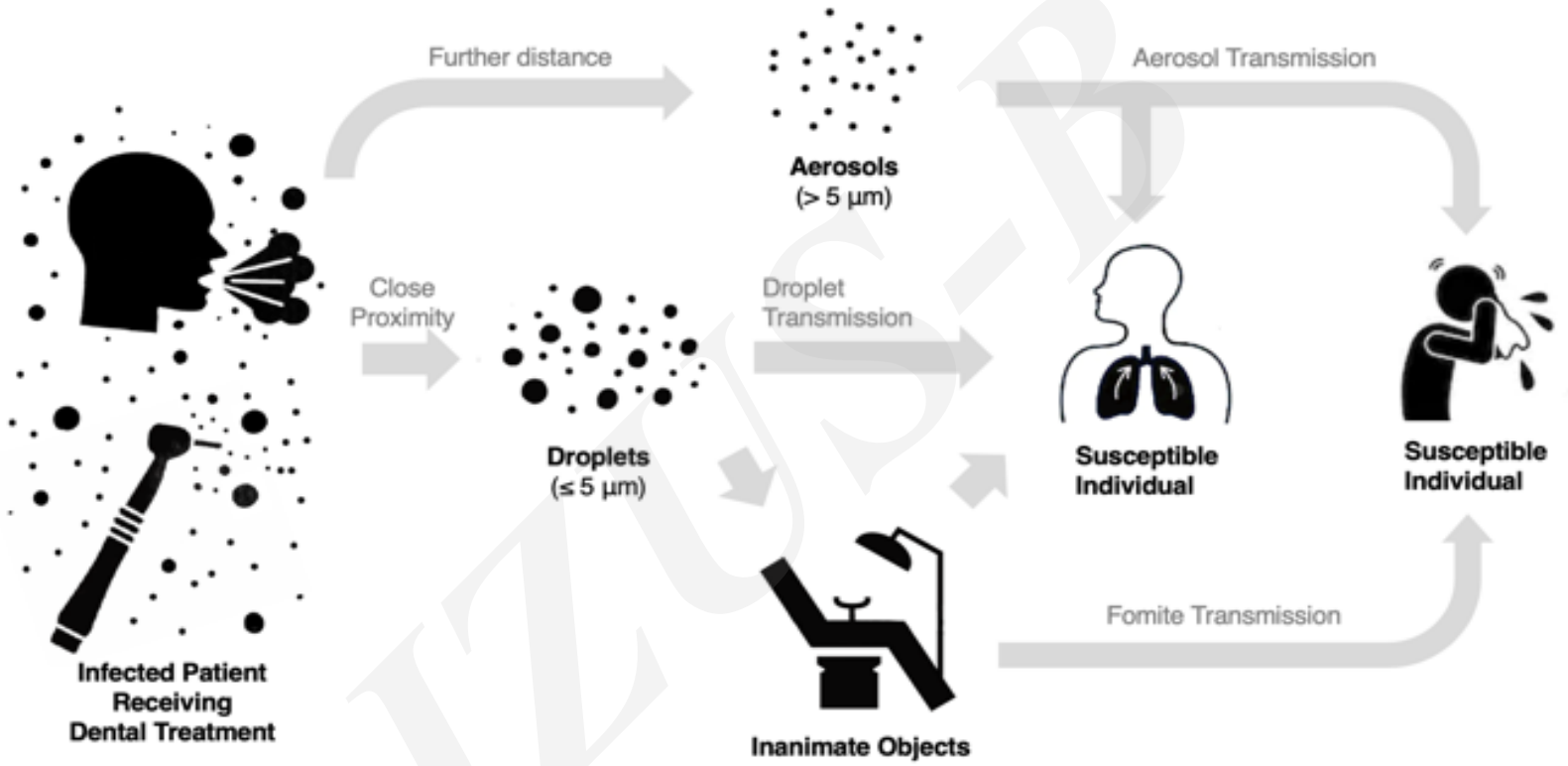
Research Summary

This review mainly focused on the implication of aerosol transmission in dentistry and some special precautions that should be implemented during COVID-19 outbreak and other respiratory disease outbreak. The bullet points are:

- **Aerosol transmission in dental setting**
- **Special precautions in dental emergency**
- **Special precautions in routine dental practice**

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Innovation points



Different Routes of Transmission in Dental Setting: Aerosol, Droplet and Fomite

Figure 1

Innovation points

Special precautions that could help to control the spread of COVID-19, and serve as a guide for managing other respiratory diseases.

- Arrange waiting area
- Hand hygiene
- Personal protective equipment
- Preprocedural mouth rinse
- Rubber dam isolation
- Remove/filter contaminated air
- Environmental surface disinfection
- Other methods to reduce droplet generation in different dental discipline

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