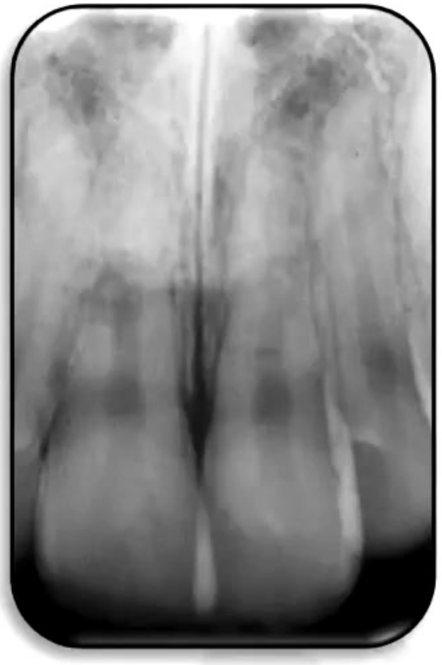
- 20-year old male presents to your clinic three hours after being involved in an accident.
- He does not have any pain
- No clinical signs of soft tissue injuries
- **11** and **21** are slightly tender to percussion and slightly mobile



The patient reports no pain. Based on the radiographic appearance shown, what is the most accurate diagnosis?

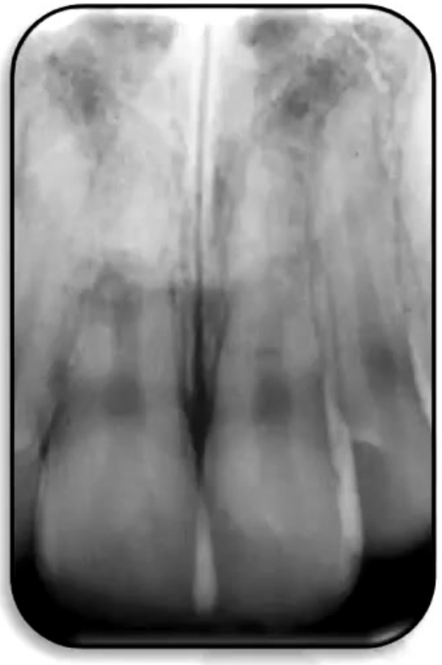
a) Crown fractures of teeth 11 and 21 with pulp exposure

b) Root fracture - mid-third of tooth 11 and root fracture - coronal-third sub-osseous of tooth 21

c) Lateral luxation of teeth 11 and 21

d) Alveolar bone fracture involving the anterior maxilla

- 20-year old male presents to your clinic three hours after being involved in an accident.
- He does not have any pain
- No clinical signs of soft tissue injuries
- **11** and **21** are slightly tender to percussion and slightly mobile



What is the most appropriate initial emergency management?

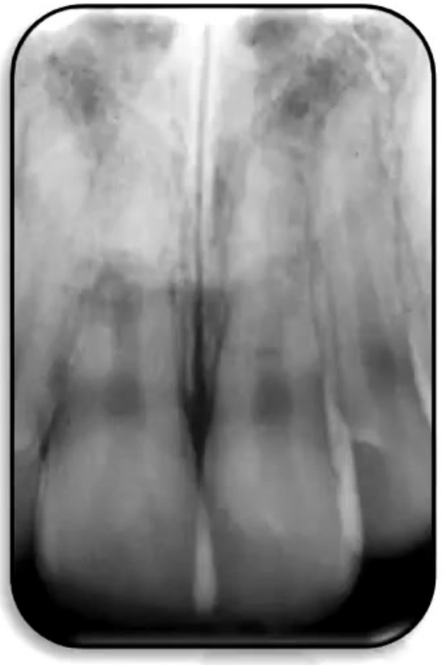
a) Extraction of both teeth 11 and 21.

b) Initiation of root canal treatment on both teeth.

c) Placement of a rigid splint for 3 months and arranging follow-up.

d) No treatment is required as the patient is not in pain.

- 20-year old male presents to your clinic three hours after being involved in an accident.
- He does not have any pain
- No clinical signs of soft tissue injuries
- **11** and **21** are slightly tender to percussion and slightly mobile



What is the most ideal healing response for the injured teeth?

a) Formation of granulation tissue between the fracture fragments.

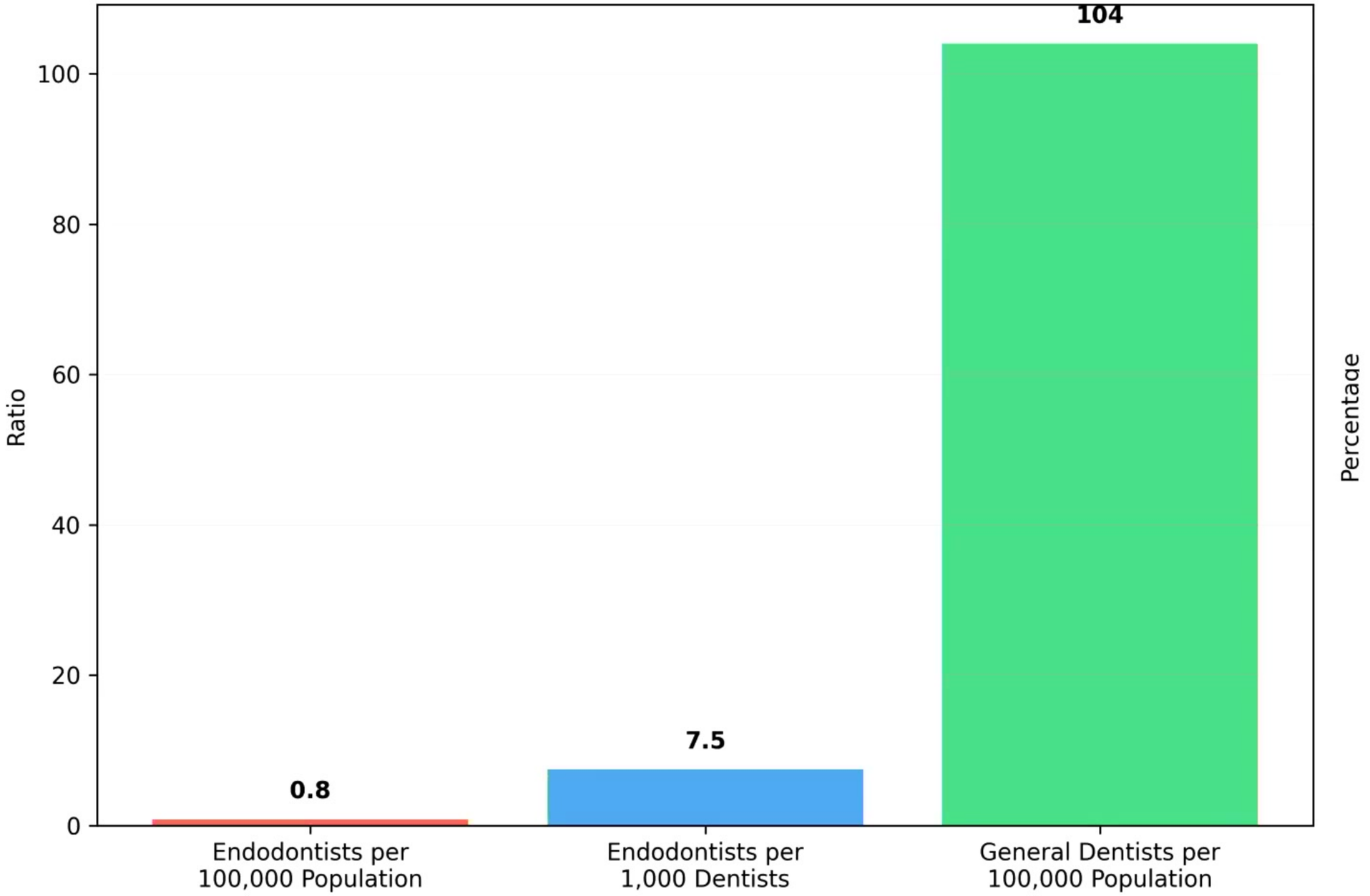
b) Healing with hard tissue (reparative dentine) formed by the pulp.

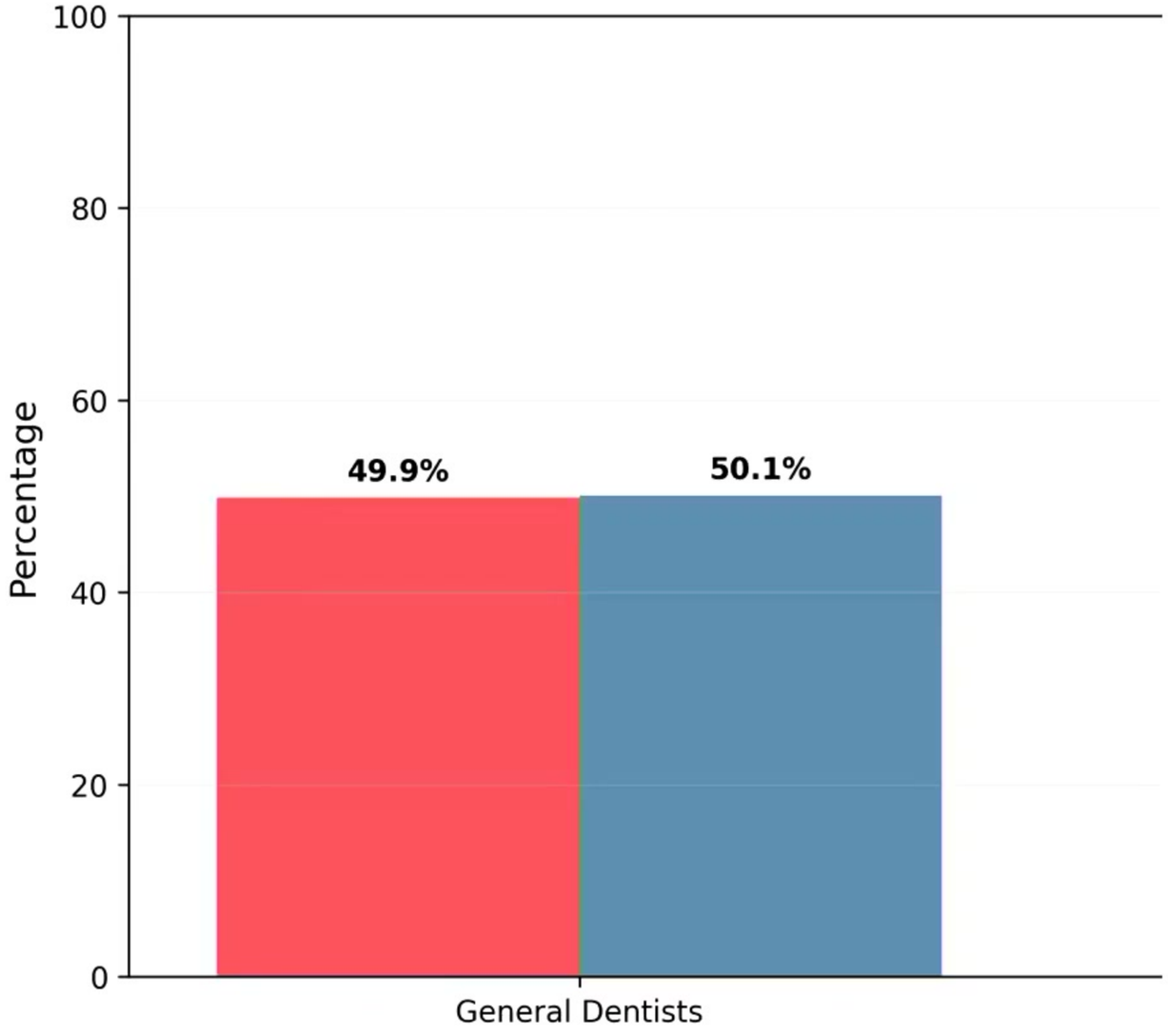
c) Ankylosis of the root to the surrounding bone.

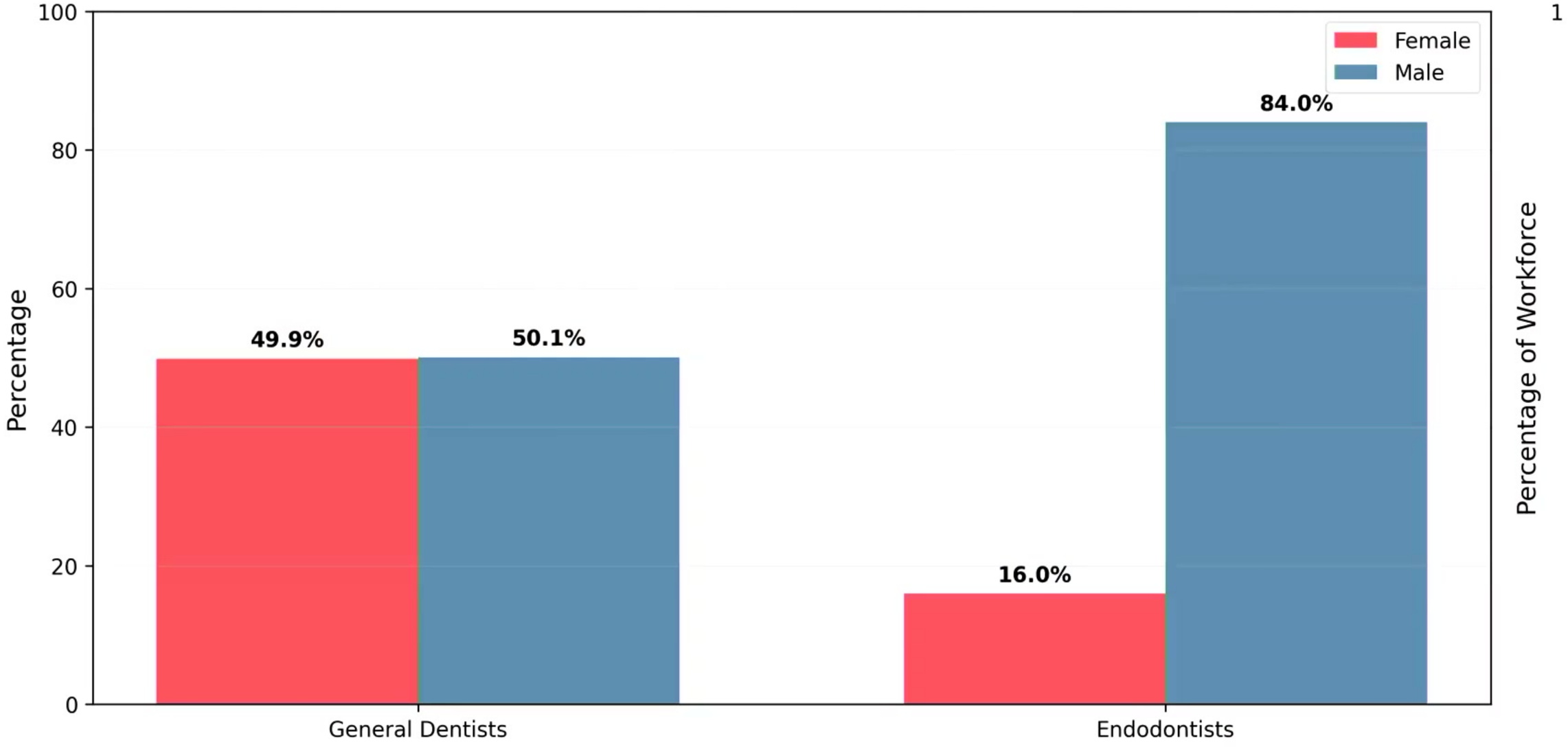
d) Development of a periapical abscess.

A 14-year-old patient presents with a history of an avulsed maxillary central incisor that was replanted after being kept dry for 45 minutes. Radiographically, the tooth shows signs of external replacement resorption. Which of the following statements most accurately describes the underlying biological process and the recommended endodontic management?

a) The resorption is driven by an infected root canal system, and immediate root canal treatment with calcium hydroxide is indicated to arrest the process.
b) The resorption is a result of damage to the periodontal ligament, and endodontic treatment is not indicated as it will not stop the resorption. However, a corticosteroidantibiotic paste may be used to inhibit clastic cells.
c) The resorption is a transient process that will resolve on its own, and no treatment is required.
d) The resorption is caused by excessive occlusal forces, and occlusal adjustment is the primary treatment.


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Endodontists per
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General Dentists per
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Percentage
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50.1%
General Dentists


Gender Distribution Comparison
General Dentists vs Endodontists
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50.1%
16.0%
84.0%
General Dentists
Endodontists

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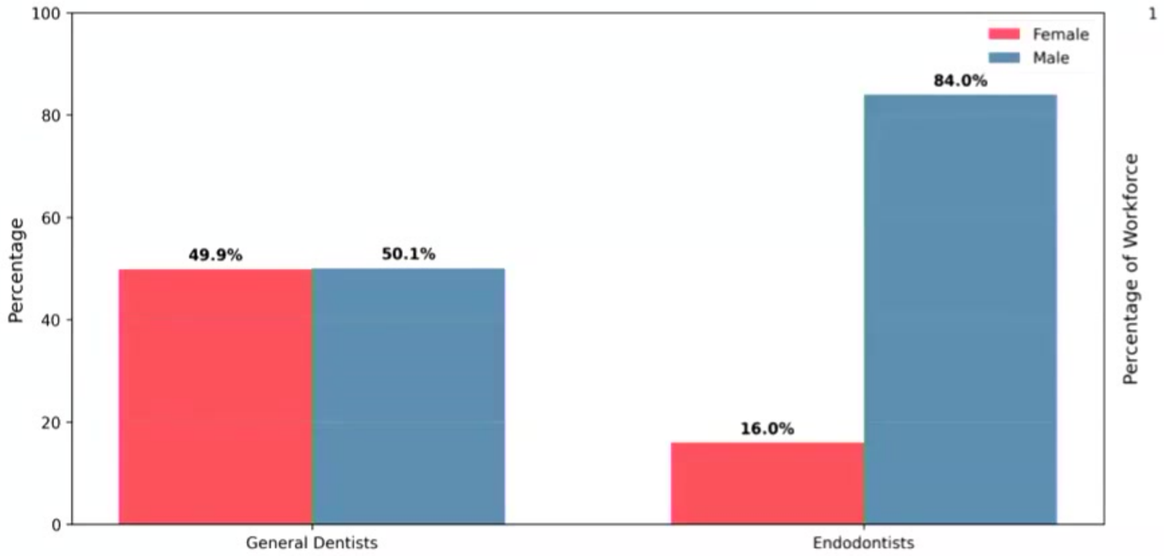
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General Dentists vs Endodontists



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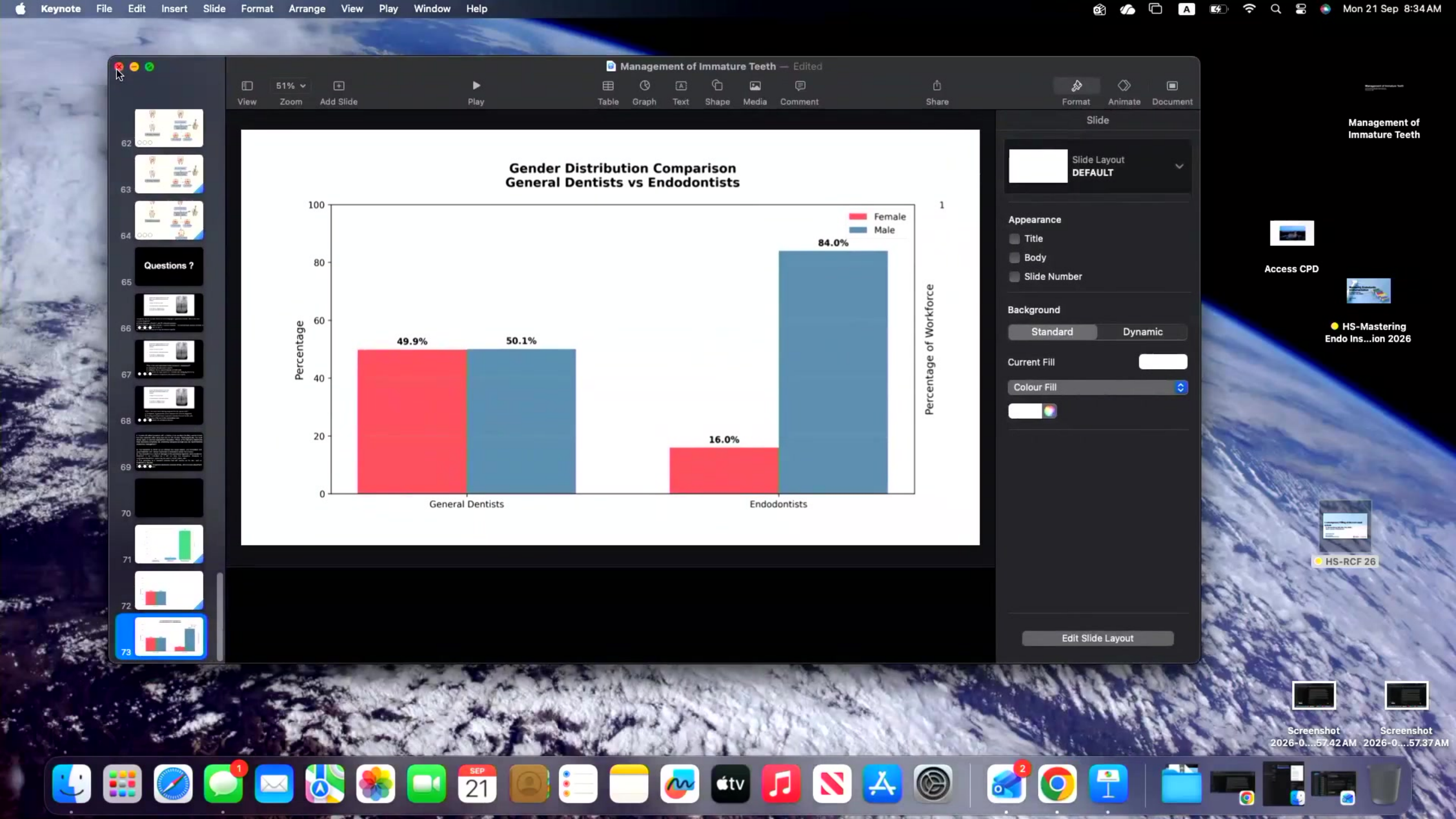
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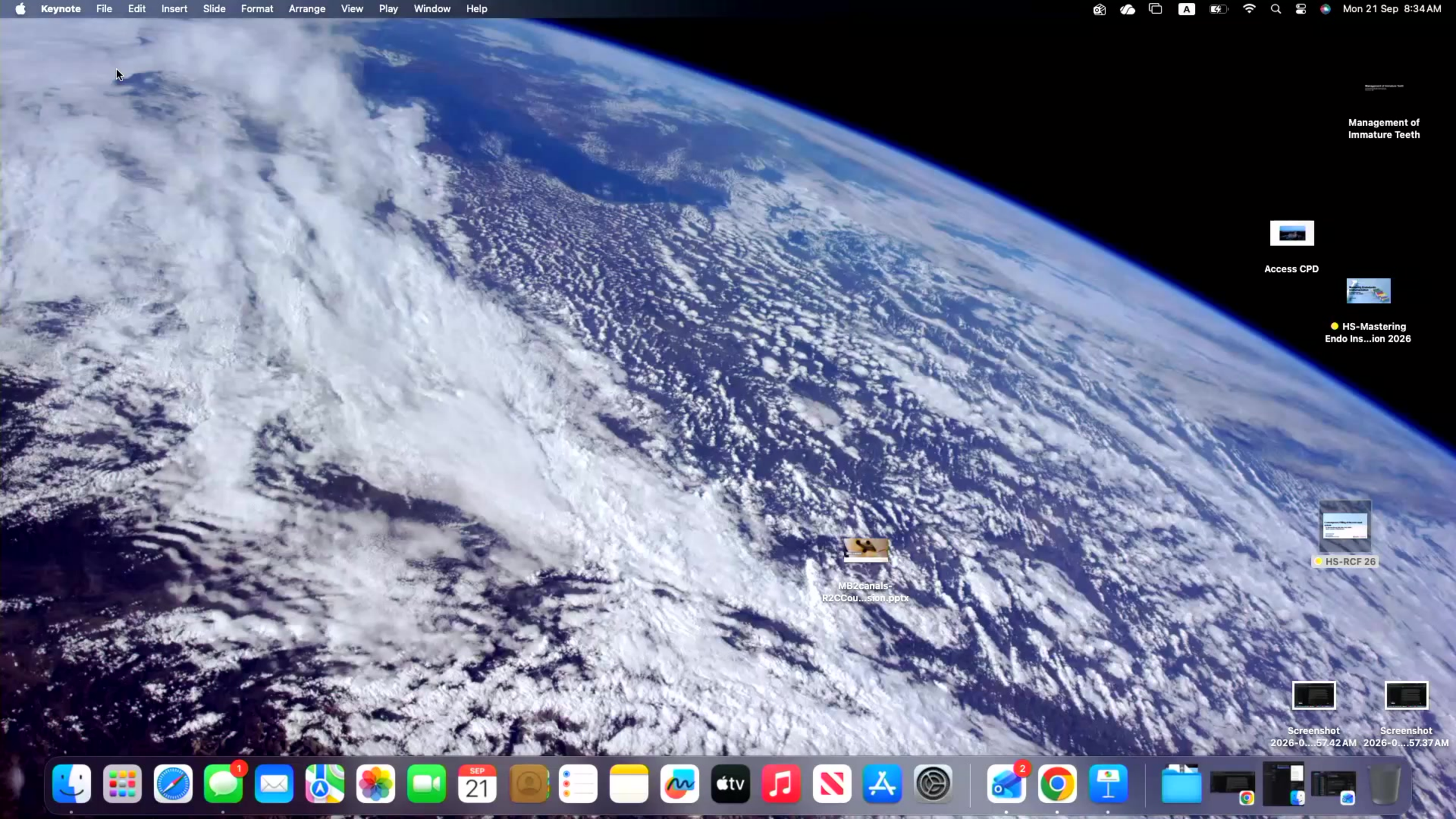
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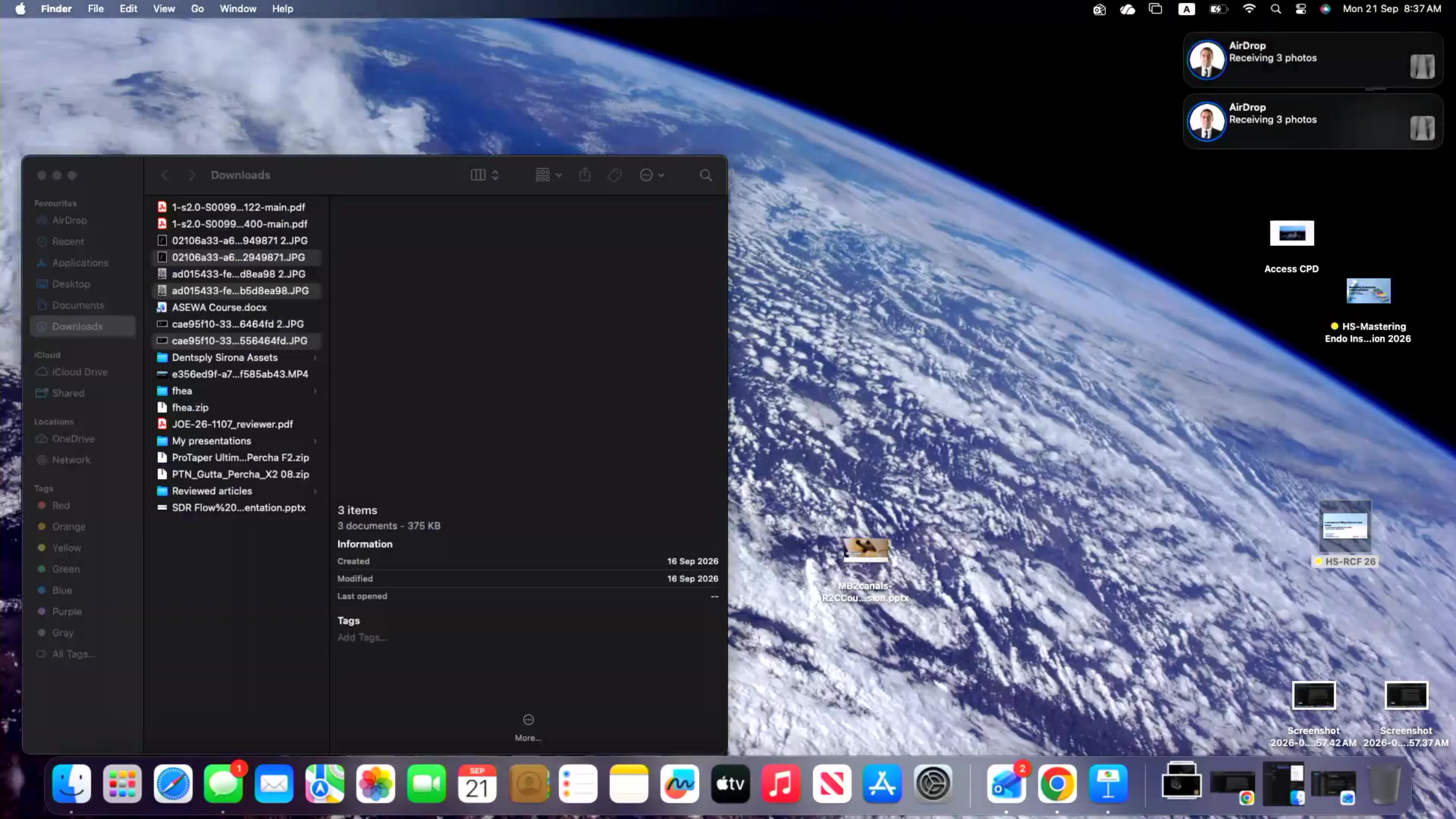
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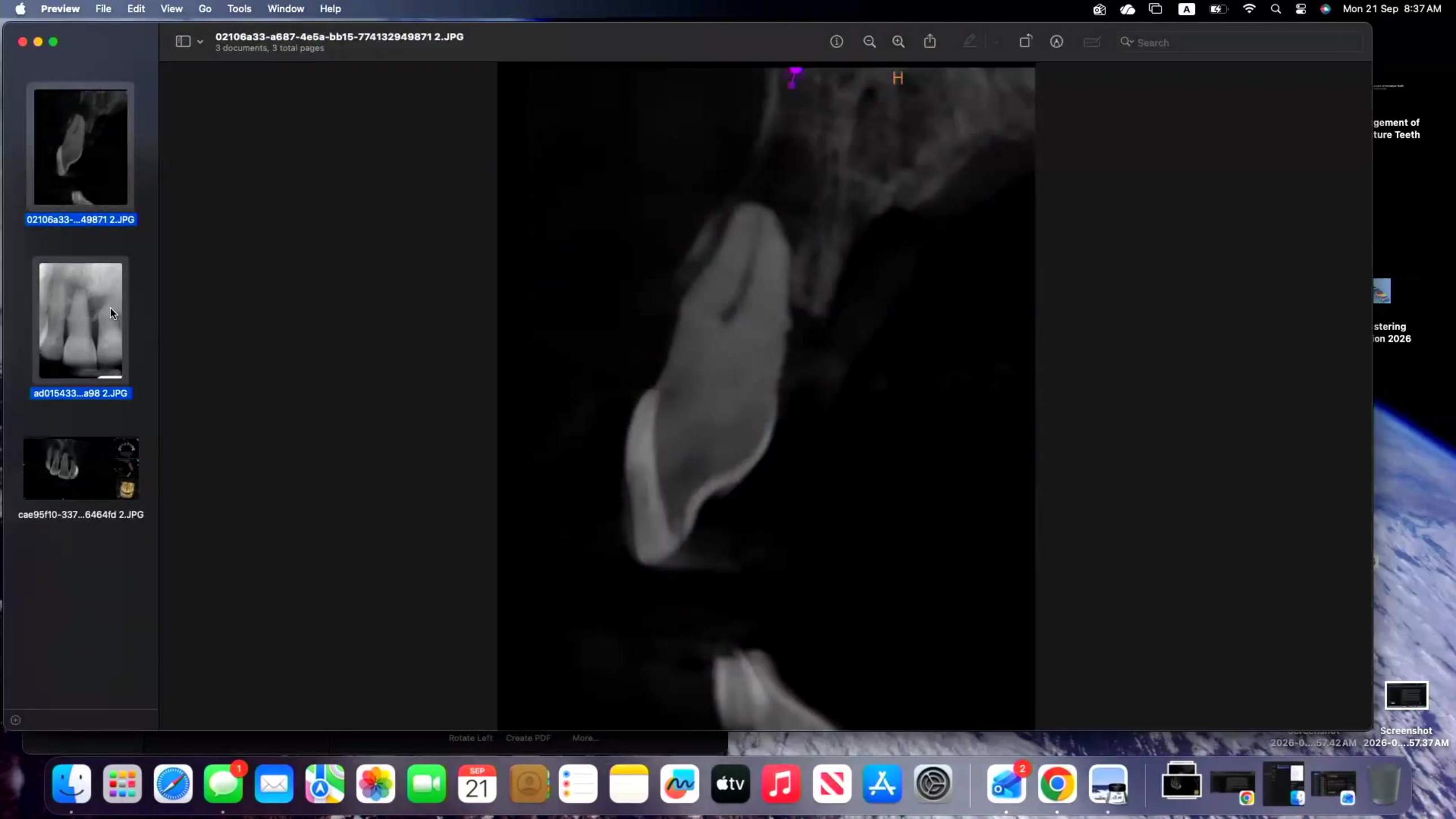
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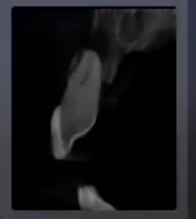
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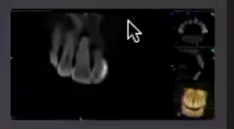




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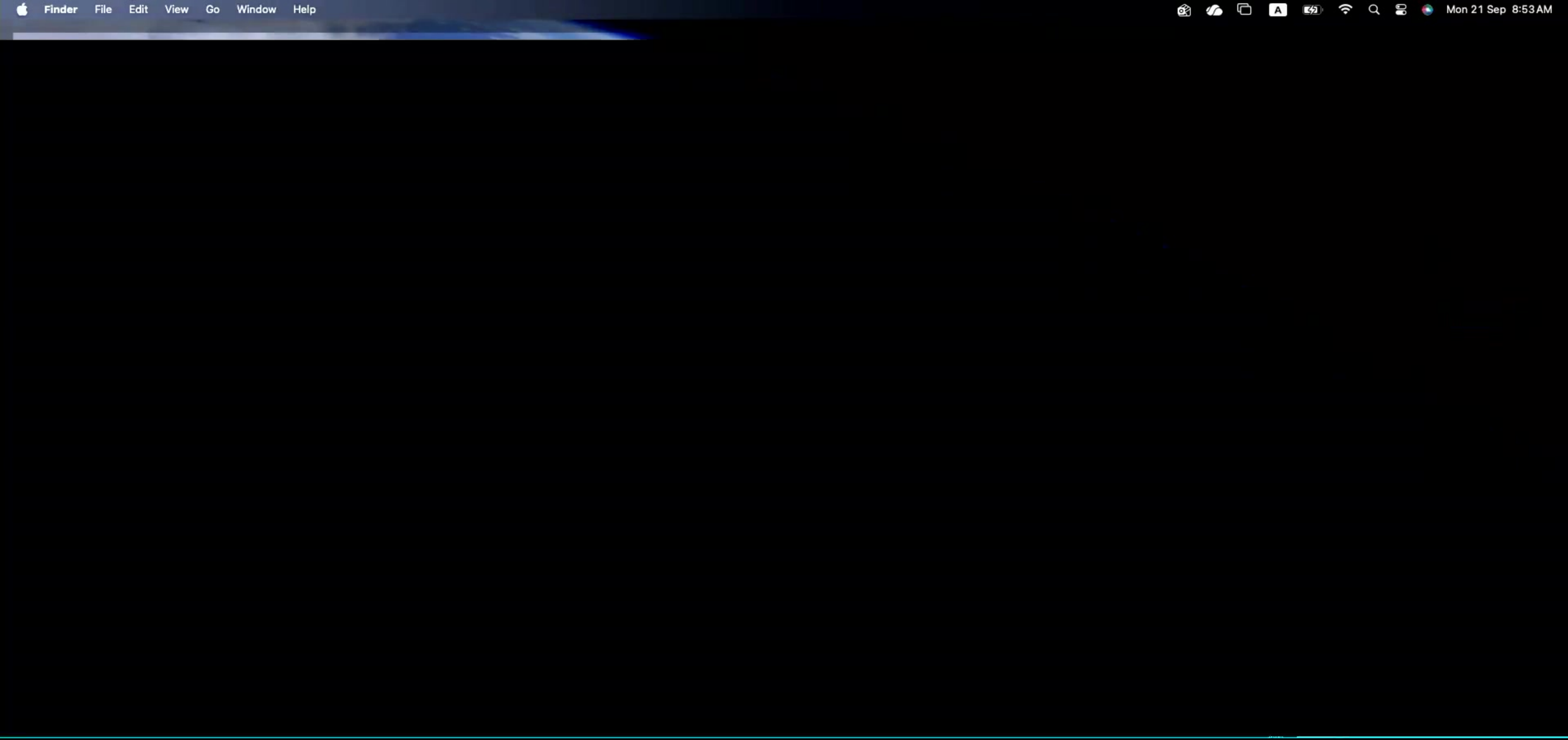
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