

Entrance Examination for Tokyo Dental College Graduate School, Dec. 6. 2025

No \_\_\_\_\_ Name \_\_\_\_\_

Test 2

1 : 以下の英文は、ある総説論文の緒言です。読んで設問に答えよ。

Implants are used to reconstruct compromised occlusion, resulting in an improvement in QOL and diet. Such dental implant surgery itself, however, may damage the nerves, resulting in a sudden decrease in QOL.<sup>1)</sup> (  $\alpha$  ), once such damage has occurred, a complete recovery is rare unless the extent of the injury is only minor. The interaction between the peripheral sensory nerves (  $\beta$  ) the central nervous system (CNS) is extremely complicated, unlike that with bone (  $\gamma$  ) mucous membrane. The way information is relayed between the nerves and the CNS is complex and can easily be disrupted. A minor injury such as a bite may only result in numbness. More severe injury, however, may result in dysesthesia<sup>3)</sup> or neuropathic pain, causing sustained discomfort, especially at night, and severely affecting QOL. In this paper, we will explain what happens following a nerve injury and the mechanism of neuropathic pain. Furthermore, we will describe how pain is managed following such injury incurred during dental implant surgery.

1) 下線部<sup>1)</sup>の文を和訳せよ。

インプラントは、咬合を再構築し、QOL(生活の質)と食生活の改善を目的として適応されます。しかし、インプラント手術によって神経を損傷すると、QOLを急激に低下させる可能性があります。

2) ( $\alpha$ )( $\beta$ )( $\gamma$ )に当てはまる適切な語を選びなさい。

( $\alpha$ : **Moreover**) [ Moreover, That, However, Thus, Because]

( $\beta$ : **and** ) [ from, though, to, and, until]

( $\gamma$ : **or** ) [ by, out, at, or, about]

3) 下線部<sup>3)</sup>の症状について 30 字以内で説明せよ。

刺激の有無に関わらずジリジリ、ピリピリした不快を伴う異常感覚

4)この総説論文が言おうとしていることを、3点挙げて簡潔に説明せよ。

神経損傷後に起こる病態、神経障害性疼痛の発生機序、インプラント手術後神経障害性疼痛に対する疼痛管理

2：以下の4つの例文は、確かさを表現する度合いの順序によって並べた。(A)(B)に入れるべき助動詞を答えよ。

The pain may be caused by dental caries. → The pain (A) be caused by dental caries.  
→The pain (B) be caused by dental caries. →The pain could be caused by dental caries.

A: might B: can

3：以下の和文を英訳せよ。

これらの所見は、加齢過程を大いに示唆している。

These findings are highly suggestive of aging process.