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07/19



I Dysfunctional Class

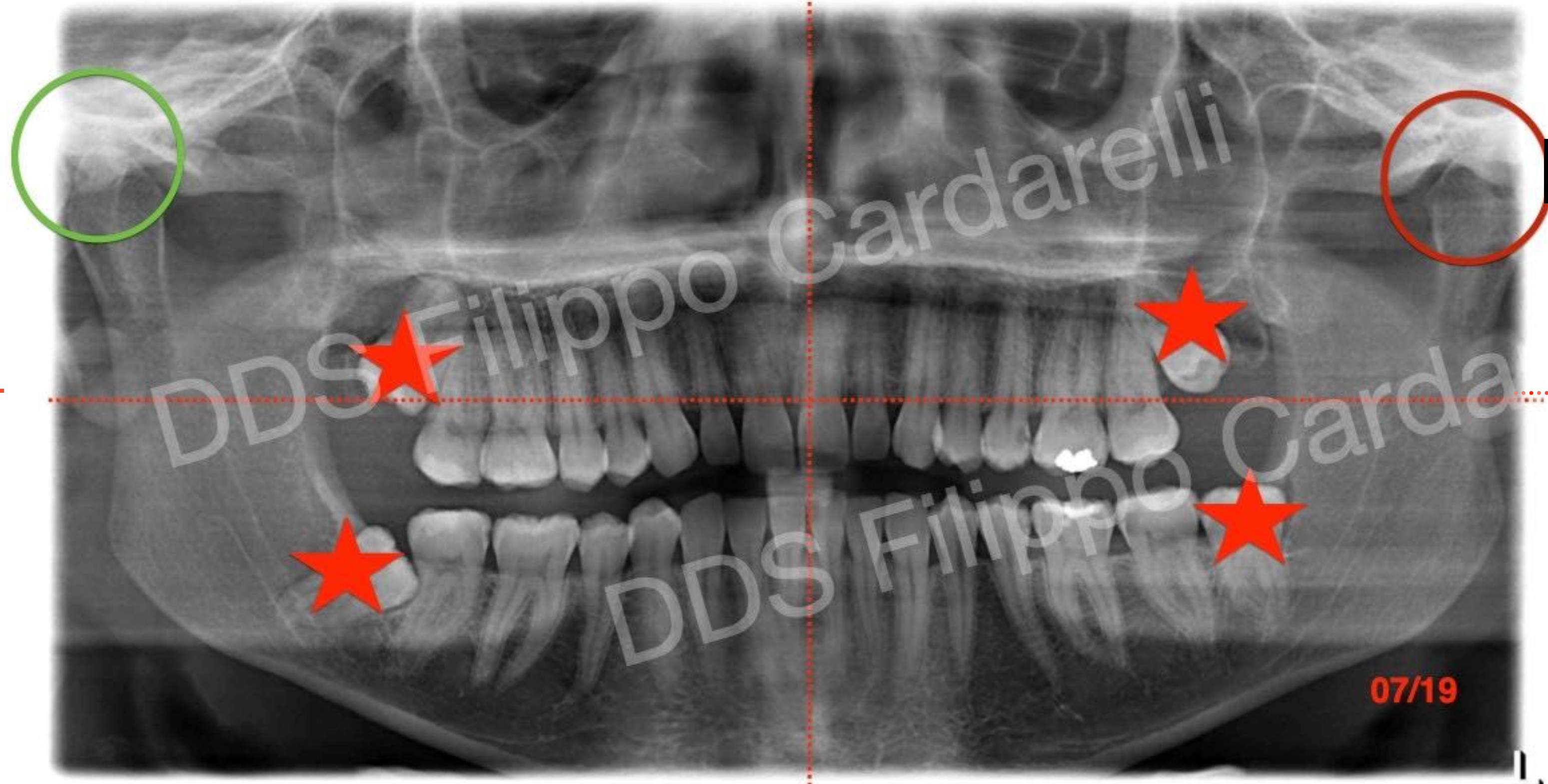
Patient age 29 years, skeletal and dental class I, deep bite. Malocclusion is characterized by contraction of the upper arch, presence of anterior wall hindering correct mandibular posture, as shown by latero-lateral telerradiography which shows the straight course of the first cervical vertebrae.

Postural syndrome associated with frequent headaches.

The therapeutic sequence involves the following steps:

- Ex 18-28-38-48
- Elastodontic therapy 12 months
- Elastodontic restraint for approximately 12 months





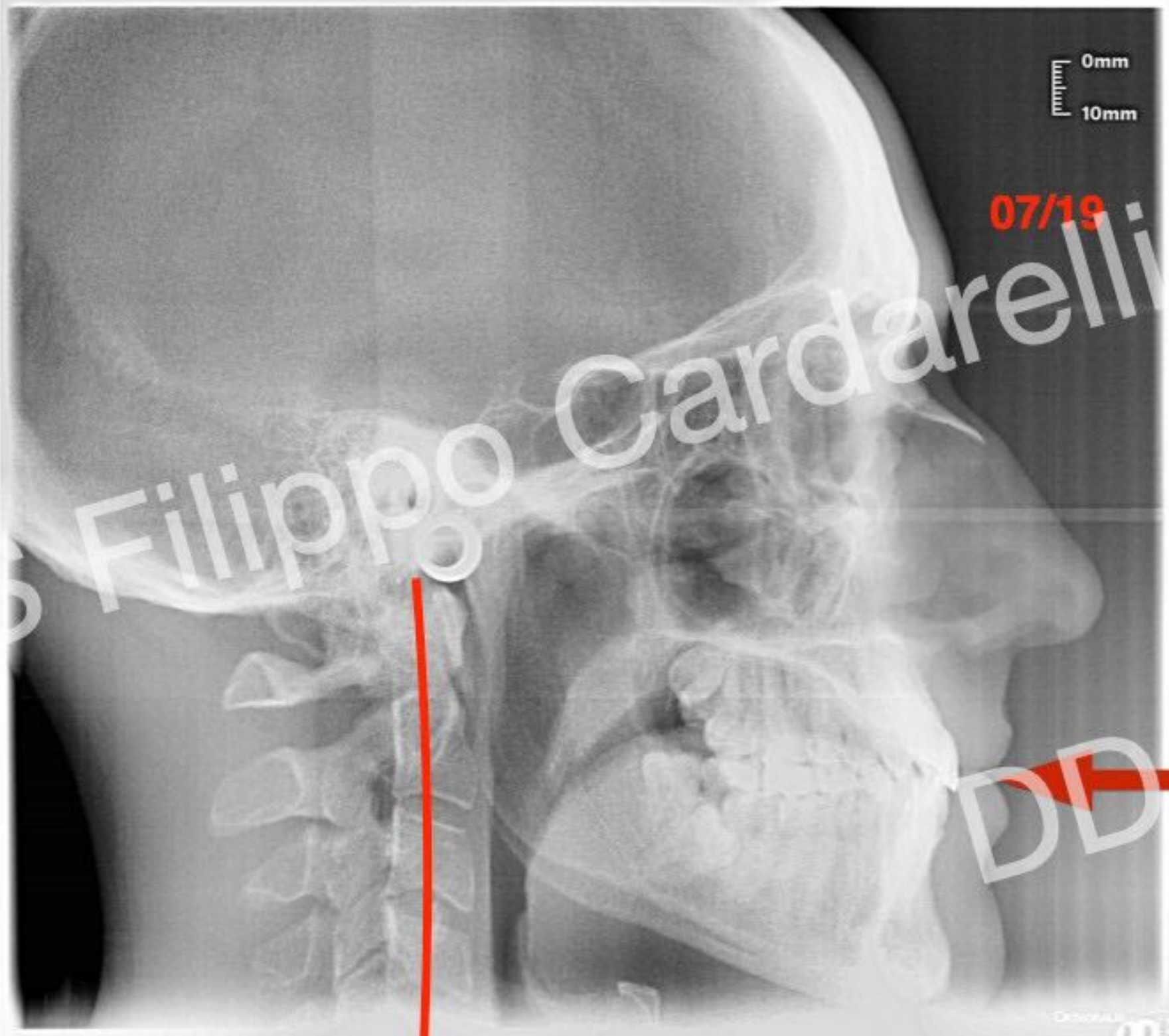
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Therapy

The patient was treated with AMCOP S Integral elastodontic appliance for the first 6 months, 1 hour during the day and every night; thereafter, use was exclusively at night. Elastodontic therapy was combined with physiotherapy and speech therapy for the first 10 months.

Elastodontic restraint is used to improve and stabilize the obtained result and has the duration of about 12 months with the use of the appliance on alternate nights.

S. Filippo Cardarelli





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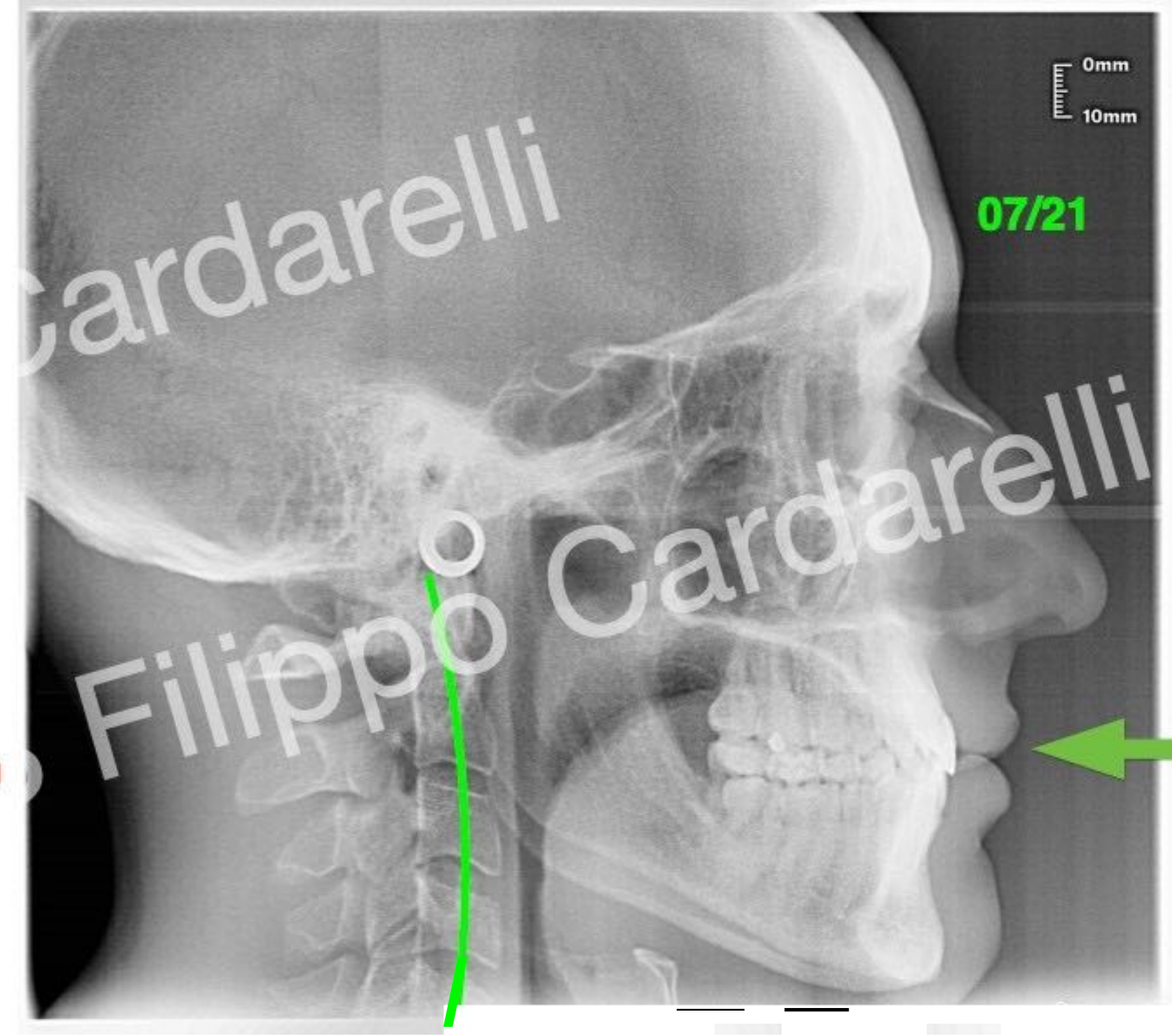
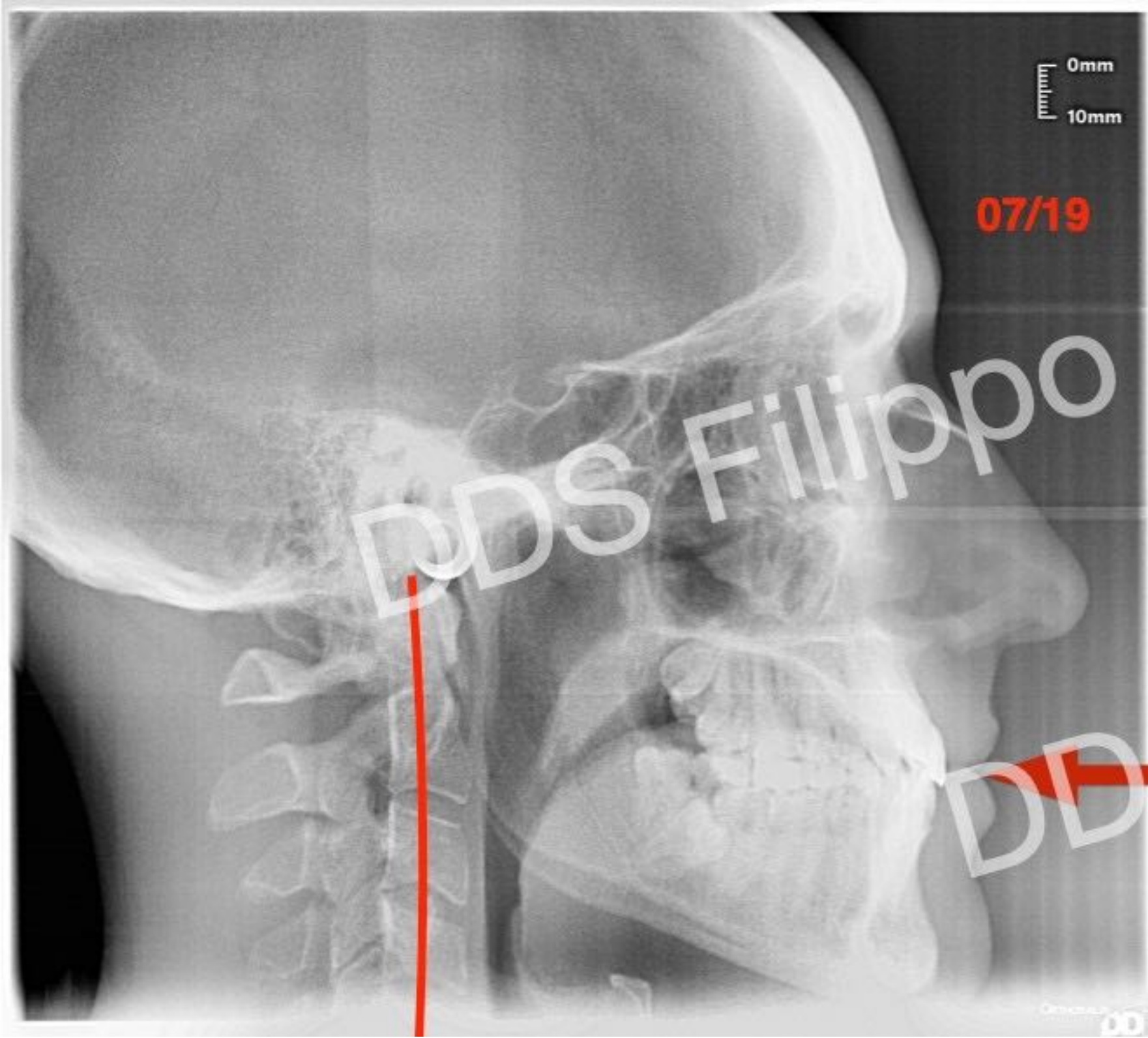
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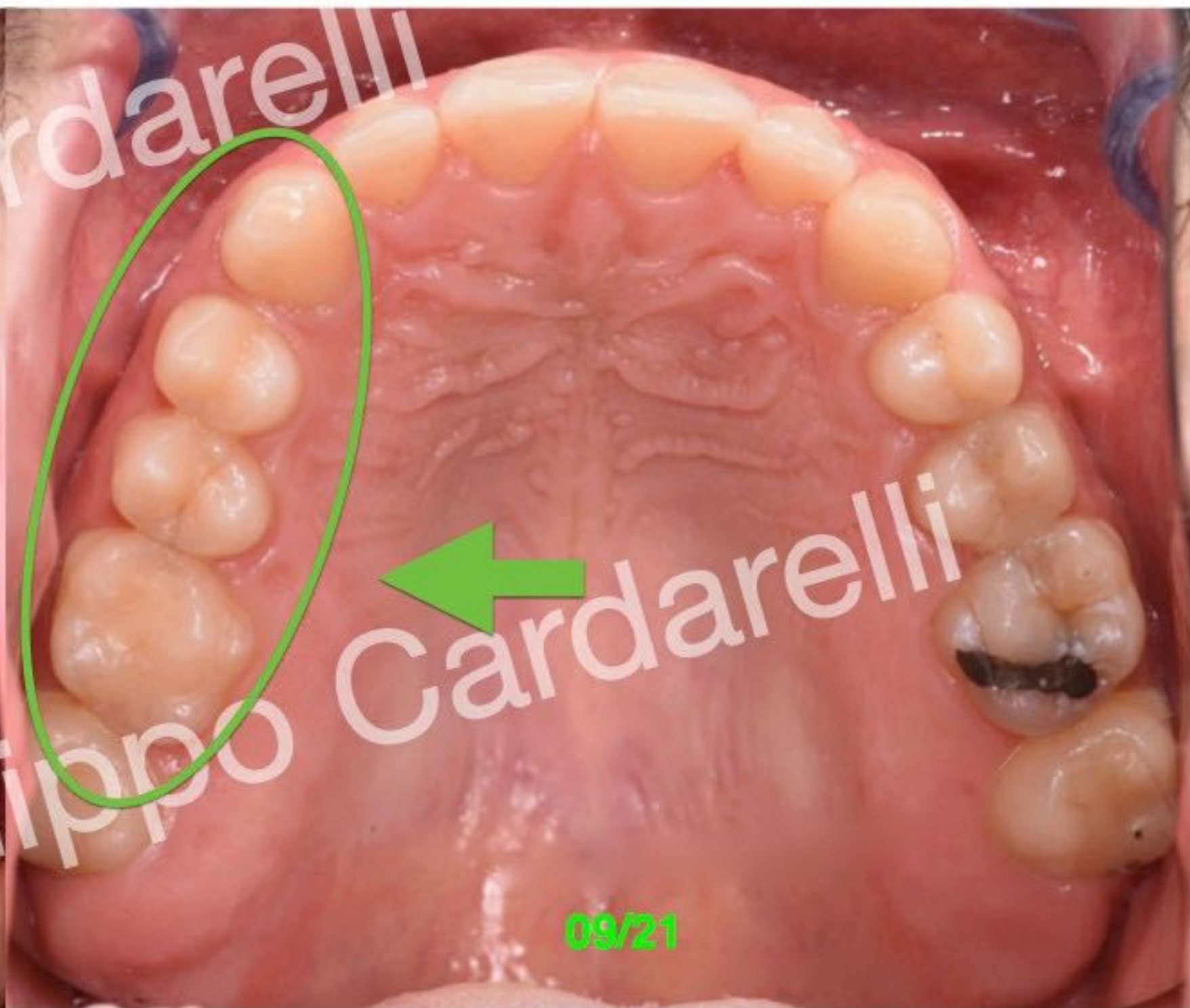
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Conclusions

The case shows how incorrect mandibular posture related to contraction of the upper arch and lingualization of the upper incisors is the main cause of the patient's joint disorder and dysfunction. Through the use of the flat mastication plane and through the vestibular and lingual shields, it is possible to modify the arch forms, give torque to the upper incisors, and above all modify the mandibular posture with great benefit in functional key, as shown by the final teleradiography. Following elastodontic therapy and restoration of normoocclusion, the patient reports total disappearance of symptoms.

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