

Oct 15, 2019

Jane Carp
4801 Valiant Crescent NW
Calgary, AB T4H5H2

From the office of:
Laura Brown
Laura's Clinic
240-4000 Glenmore Court SE
Calgary, AB T2C5R8

Dear Jane Carp

Typically, an oral surgeon will uncover/expose an impacted or ectopic tooth and bond an orthodontic attachment. Then, the orthodontist will progressively use orthodontic forces, and appliances to align this tooth. However, there may be a slight possibility with certain impacted/ectopic teeth that they cannot be aligned, possibly because they are fused to the jaw bone. In these cases, the tooth would be extracted and a prosthetic tooth or implant would be placed by a dentist/dental specialist, not an orthodontist. Or, possibly the space could be orthodontically closed. Alignment of impacted/ectopic teeth could also result in root shortening of the impacted/ectopic tooth and/or other teeth in the dental arch.

Using three dimensional localization of maxillary canines with cone-beam computer tomography, Walker et al(1) found that 92.6% of 27 impacted canines were palatal. Lateral incisor resorption adjacent to an impacted canine was 66.7%. Other possible side effects of aligning a tooth that has been surgically exposed is the gum tissue may not have the same appearance as a tooth that has erupted naturally. For example, the contour of the gums around the exposed and aligned tooth could be irregular and recession (reduced gum level) could also result. Furthermore, as a consequence of the exposure, the tooth could be devitalized, a periodontal infection may occur, or cervical alveolar bone damage may result.

Finally, because of a three dimensional position of the exposed tooth, the ultimate alignment may be compromised.

By my signature below, I affirm that I have read this consent form, and I have had an opportunity to ask questions. Also, unfamiliar dental terms used in this consent form have been explained to me.

Oct 15, 2019
Jane Carp
>

Print your name: Jane Carp

A handwritten signature in black ink that reads "Jane Carp". The signature is written in a cursive, flowing style. The "J" is large and loops around the "a". The "n" and "e" are connected. The "C" is large and loops around the "a", "r", and "p".

Date: Oct 15, 2019 1:14 PM

Witness Signature

Laura Brown

>

Print your name: Laura Brown

A handwritten signature in black ink, appearing to read 'Laura Brown', written in a cursive style.

Date: Oct 15, 2019 1:14 PM

Sincerely,

Laura Brown

(1) Walker, L, Enciso R, Maj J. Three-dimensional localization of maxillary canines with cone-beam computed topography. AM J Orthod Dentofacial Orthop 2005; 128:418-23