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# Editorial

## The modern management of endodontic complications

**E**ndodontic success depends on several factors, as anatomical complexity, proper disinfection and shaping of root canal system and sealability of filling. However, although the huge progress in materials and technology, there are still situations of difficult management that not only concern the failure of treatment, but also the side effects of endodontic therapy or the complications on root system because of external causes. In addition, it's noteworthy to stress that most of endodontic failures are due to inadequate knowledge of endodontic anatomy, that with its variability plays a fundamental role in unsuccess or occurrence of adverse effects. The importance of understanding root canals' anatomical complexity was already known in the early '900, as demonstrated by studies of several Authors such as Hass with his Tables and Vertucci with the introduction of his Classification. Even though the latter is nowadays considered a milestone, it's progressively been enriched by additional data provided by magnification and 3D technology. In this light, the present issue contains an article in which Vertucci's classification had been implemented by micro-ct. Moreover, are reported studies dealing with the use of new materials and innovative techniques to manage endodontic side effects as external root resorption, furcal perforation, post-treatment flare-up and pulp necrosis of immature permanent teeth due to trauma. The proper treatment plan and the therapeutical management of complications play a pivotal role in endodontics and should represent a cultural background needed by clinicians operating in endodontic field. In this view, the Giornale Italiano di Endodonzia selects and encloses international peer-reviewed scientific papers that may be helpful in the permanent update of endodontic knowledge. Furthermore, from this year our mission is becoming wider with the release of 3 issues instead of 2. In conclusion, it should be remembered and underlined that biological component is the main character in reaching endodontic success, despite of the products and technological progress, and it should be careful taken into account.

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