



ARTICLE REVIEW

Review of “Healing of 295 Endodontic Microsurgery Cases after Long-Term (5-9 Years) versus Middle-Term (1-4 Years) Follow-up” by Pallarés-Serrano and Colleagues in *Journal of Endodontics* 2022; Article in Press

Meticulous analysis for almost 300 endodontic microsurgery cases is an impressive work performed by six Spanish authors and presented on eight pages of the well-written paper [1]. The purpose of the study was brilliantly accomplished by performing a comparison of healing rates after 1-4 versus 5-9 years of follow-up [1].

The authors emphasize that the duration of follow-up is a key parameter for the final evaluation [1]. In the cohort (a group of patients with a shared characteristics) with a shorter follow-up (1-4 years), the healing rate was 67.2 percent versus 86.9 percent in the cohort with a longer follow-up (5-9 years) [1]. Moreover, the study revealed – when the vertical root fracture cases are excluded from the study, in the patients with 1-4 years of follow-up, the healing rate was 92.5 percent, versus 82.6 percent in those with 5-9 years of follow-up. The authors also stated that the crestal bone level in relation to the

cemento-enamel junction of the tooth influences the prognosis. The prognosis is worse in cases when the probing depth is more than 3 mm [1].

REFERENCE (1)

1. Pallarés-Serrano A, Glera-Suarez P, Tarazona-Alvarez B, Peñarrocha-Oltra D, Peñarrocha-Diago M, Peñarrocha-Diago M. Healing of 295 endodontic microsurgery cases after long-term (5-9 years) versus middle-term (1-4 years) follow-up. *J Endod* 2022:S0099-2399(22)00189-3. <https://doi.org/10.1016/j.joen.2022.03.001>

Oleksandr B. Tkachenko
Practice Limited to Endodontics and
Endodontic Microsurgery
E-mail: tkachenkiss@gmail.com
Instagram: [@dr.tkachenko_o](https://www.instagram.com/dr.tkachenko_o)
<https://doi.org/10.23999/jem.2022.1.4>