Local Steroid Therapy by ENT-DIB in Eosinophilic Rhinosinusitis After Operation

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In acute and chronic rhinosinusitis cases, local therapies such as punctures and catheter therapies have ever been reported and applied in order to improve the clinical effects and/or therapeutic duration as another option except for drug and surgical ones. The mechanisms of the local therapies are to improve the local ventilation and drainage between paranasal sinuses and a nasal cavity. In 1990s, YAMIK® sinus catheter invented initially by Professor Vladimir Kozlov (Russia) prevailed in Japan as the local therapeutic technique for paranasal sinusitis supported by National Healthcare Insurance System. Recently, after expiration of its patency, ENT-Dib® silicon catheter was produced in Japan as a successor of YAMIK®. In our department, ENT-Dib®

has already been applied in more than 20 acute and chronic rhinosinusitis cases. In an acute paranasal sinusitis case, not only the clinical effect but also the filling of the contrast agent into paranasal sinuses by CT scan. Additionally, prospective open-randomized clinical study of ENT-Dib® is now going on after the permission by the ethical committee in eosinophilic rhinosinusitis (ERS) in order to assess the irrigation effects in surgically opened sinuses by high-dose steroid once or twice per month after operation. In this session, the on-going data of this study are mainly to be reported and to discuss the possible position or roll of the local steroid therapy by ENT-Dib® in ERS.