



“Warning” to postoperative complications when using hemostatic agents!

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Dear Editor,

We appreciate the interest of Dr. Franceschini and colleagues in our recent manuscript published in this journal [1]. This group has alerted the medical community about possible complications after using oxidized regenerated cellulose in breast surgery [2–4]. They described a relatively high incidence of foreign body reactions associated with this substance when used in breast surgery and also strategies to minimize surgical risk. They rightfully indicate that surgeons should mention in their operative report which biomaterial has been used during surgery for hemostasis. To our opinion, it is of course best to be as restrictive as possible with such agents. We as neurosurgeons embrace the exchange of clinical experience between different surgical disciplines to improve the prevention and management of such unexpected findings.

References

1. Al-Afif S, Hatipoglu Majernik G, Hermann EJ, Esmaeilzadeh M, Hartmann C, Krauss JK (2018) Intracranial foreign material granulomas after cranial surgery. *Acta Neurochir* 160(11):2069–2075
2. Franceschini G, Sanchez AM, Visconti G, Di Leone A, D’Archi S, Mulè A, Santoro A, Salgarello M, Masetti R (2016) Reduction mammoplasty using oxidized regenerated cellulose as a filler in breast conservation surgery. *Ann Ital Chir* 87:292–297
3. Franceschini G, Visconti G, Sanchez AM, Di Leone A, Salgarello M, Masetti R (2015) Oxidized regenerated cellulose in breast surgery: experimental model. *J Surg Res* 198(1):237–244
4. Franceschini G, Visconti G, Terribile D, Fabbri C, Magno S, Di Leone A, Salgarello M, Masetti R (2012) The role of oxidized regenerate cellulose to prevent cosmetic defects in oncoplastic breast surgery. *Eur Rev Med Pharmacol Sci* 16(7):966–971

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