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Botulinum Neurotoxin Injection

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Message from the Guest Editor

Dear Colleagues,

Despite not only the safety but also the reversible clinical procedures of botulinum toxin injections in the fields of therapeutics or cosmetics, various clinical side effects have been reported. The background of these side effects includes not only inappropriate injection techniques but also a lack of anatomical knowledge, contrary to clinical experience.

Recently, clinical practices, such as ultrasonography-guided injection, have been used to prevent the side effects known to be associated with botulinum toxin injection. This enables precise injection with accurate doses of toxins, but recently, clinical anatomical knowledge has been lacking in the clinical use of botulinum toxins, making further clinical development impossible.

This Special Issue includes safety guidelines for the most desired outcome related to botulinum toxin injection, as well as an introduction to new injection techniques using supplementary equipment.

Prof. Dr. Hee-Jin Kim

Guest Editor



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Message from the Editor-in-Chief

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