

# JETEMA NEWSLETTER

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## JETEMA participated at 2023 InterCHARM Korea

JETEMA participated in the '2023 InterCHARM Korea', held at COEX in Seoul for a total of 3 days from Wednesday, August 30th to Friday, September 1st, and presented a 'plant-derived exosome skin booster', containing the major elements necessary for skin regeneration. 'EXO'LUTION', a plant-derived exosome skinbooster newly launched by JETEMA this year, uses a mixture of 61 active ingredients such as amino acids, glutathione, vitamins, and hyaluronic acid necessary for skin regeneration and five types of plant exosomes that interact with each other. JETEMA academic and marketing official said, "I could feel that there was a lot of interest in exosome products at InterCHARM Korea exhibition. 'EXO'LUTION' was registered with CPNP (Cosmetic Products Notification Portal – European Union) and NMPA (National Medical Products Administration- China) in July of this year. At InterCHARM, the response from the market was enthusiastic, with promising follow up meetings with about 30 buyers per day.

She also said, "We expect to expand into more than 10 countries, including Türkiye, Greece, China, and Vietnam".



▲ Image of EXO'LUTION'

## A New Cohesive High-Concentrated Hyaluronic Acid Gel Filler: Correlation between Rheologic Properties and Clinical Indications

Maria C Issa, Andreia Fogaca, Eliandre Palermo, Marina Fontes, Hernane S Barud and Alessandra C Dametto

**Background:** Differences among the available hyaluronic acid (HA) gels are relevant to clinical practice as the physicochemical characteristics of hyaluronic acid gel guide cosmetic indications. Besides, the literature still needs more information about the correlation between the hyaluronic acid gel's behavior through their rheologic parameters and clinical indications.

**Objectives:** We aim to evaluate the rheological properties of three gels with high concentrations of hyaluronic acid, e.p.t.q.® S 100, S 300, and S 500 (JETEMA) and extrapolate the results to their behavior after applied to the skin.

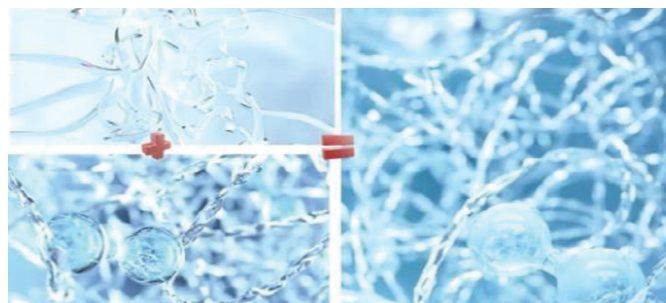


Figure 1. Dual (physical and chemical) crosslinking technology.

**Methods:** To correlate the physicochemical properties of e.p.t.q.® gels to their possible clinical indications, three presentations of these gels were evaluated. The storage modulus ( $G'$ ), loss modulus ( $G''$ ),  $\tan \delta$ , complex modulus, viscosity, and cohesiveness were measured for rheological properties.

**Results:** The gels were non-Newtonian fluid with pseudoplastic behavior. All of them presented as elastic liquids ( $G' > G''$ ). e.p.t.q.® S 500 gel showed the highest  $G'$  and complex modulus. e.p.t.q.® S 100 gel showed the highest  $\tan \delta$  and cohesiveness. e.p.t.q.® S 300 gel showed intermediate properties with  $\tan \delta$  and viscosity similar to e.p.t.q.® S 500.

**Discussion:** Due to the high storage modulus ( $G'$ ) and low  $\tan \delta$ , e.p.t.q.® S 500 gel is indicated for facial structuring and lifting. On the opposite, low  $G'$  and high  $\tan \delta$  of e.p.t.q.® S 100 gel signal for refinement. The intermediate values of the e.p.t.q.® S 300 point it to lift or refinement.

**Conclusion:** According to the rheological results, we can assume that each gel has a specific indication, and the combination of e.p.t.q.® S 500, S 300, and S 100 enables a global facial treatment.

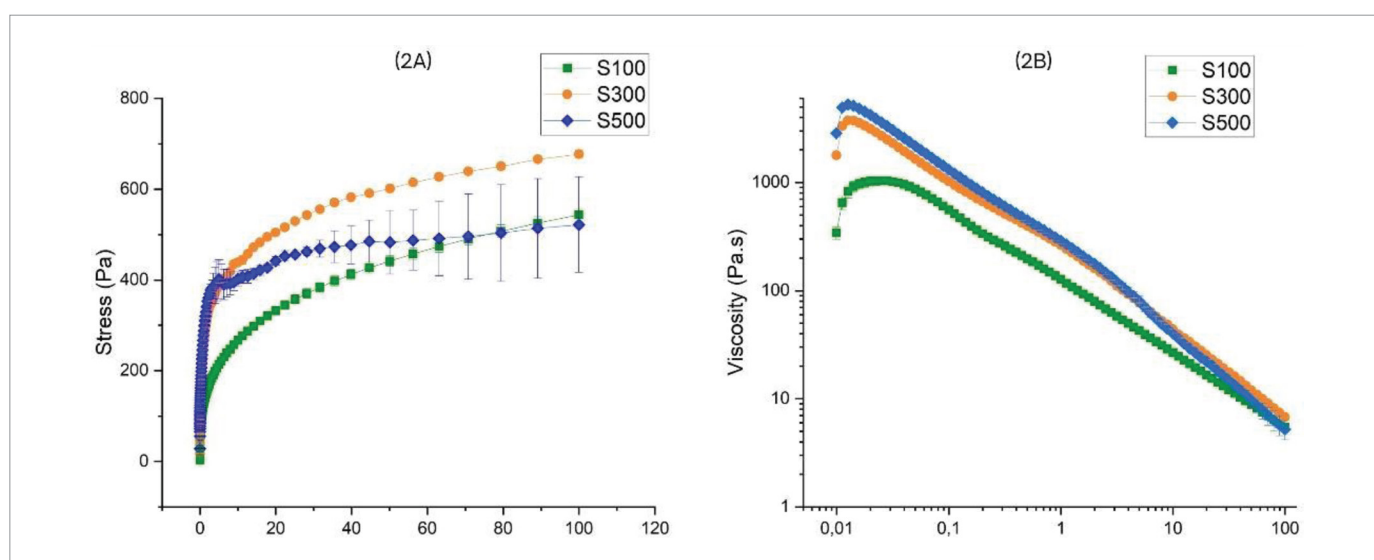


Figure 2. No-Newtonian (2A) and pseudoplastic (2B) behavior for e.p.t.q.® S 100, S 300, and S 500.



### Re-designing Lip Filler Procedure: Re-designing (touch-up) after dissolving remaining filler with hyaluronidase

In Korea, lip fillers started to become very popular four to five years ago and it is a very trend-sensitive procedure. More patients come to get touch-ups as lip fillers continue to be more popular.

As lips move constantly as we use them to eat and talk, there are many things to consider such as the possible change in shape, duration, and sensitivity to foreign objects.

I would like to share some tips for dissolving remaining lip fillers and doing touch-ups.



**Eunyeon Kim M.D (Plastic Surgeon)**

- Chief Director of Beauty Bar Plastic Surgery Clinic
- Member of the Korean Society of Plastic Surgery
- Member of the Korean Society for Aesthetic Plastic Surgery
- Member of the Korea Plastic Surgery Clinic Association

#### Case:

25 years old female who received HA filler injection three times in her lips. The last injection was performed 14 months ago. She doesn't like her duck lip appearance

#### My diagnosis:

- Accentuated mouth corner & upper lip tubercle
- Filler pushed into philtrum and left side of the lower lip
- Left and right asymmetry but no palpable nodule

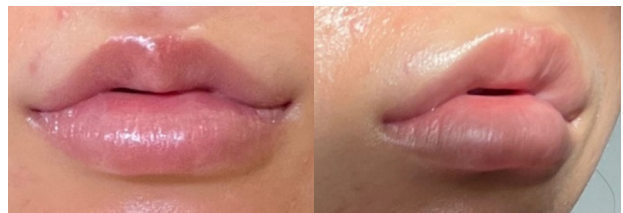
#### Hyaluronidase (Liporase 1500 IU/ 5 ml) Injection of Dexamethasone & anti-histamine as a precaution

Diagnosis after 4 days:

- Slightly protruded oral structure
- Lower lip is thicker and more protruded than the upper lip
- Right lip appears thicker due to DLI muscle asymmetry

#### Touch up after 4 days

- e.p.t.q.<sup>®</sup> S 100 0.7ml with a 30G needle
- Made a balance between upper and lower lip
- Injected a small amount into the lip corner for smiley lip corner
- Injected botulinum toxin for treatment of a gummy smile



Before procedure



Four days after injecting hyaluronidase



After touch-up

## JETEMA Activities Worldwide

### e.p.t.q.® seminar in Mexico

The lip filler seminar using e.p.t.q.® was held in July. 50 aesthetic physicians participated, in which the participation rate demonstrated the popularity of the lip filler in Mexico.



### e.p.t.q.® seminar in Türkiye

Last August, JETEMA introduced special features of e.p.t.q.® filler and provided training on injection techniques to the KOLs in Türkiye and Iraq.



### JETEMA seminar in Korea

JETEMA held a live seminar for the doctors who wished to learn the know-how of lifting procedures using e.p.t.q.® hyaluronic acid filler and epition PDO threads in July. Dr. Haejin Jung led the seminar.



### JETEMA live demonstration

Last August, JETEMA conducted a live demonstration on the topic of "Facial reshaping using a combination of hyaluronic acid filler and PDO threads."



### Visitation of Thai doctors at JETEMA

JETEMA invited about 20 doctors from Thailand and gave an overall presentation about JETEMA. Thai doctors and industry officials visited Pangyo JETEMA Global office and listened to an introductory briefing session on JETEMA products, including a new product, EXO'LUTION.



### The 7th JAM (Jetema Academic Meeting)

JETEMA successfully held the 7th JAM (Jetema Academic Meeting) on September 2nd. Doctors throughout the world joined to learn and discuss about the minimally invasive procedures. The next JAM will be on October 14th, and pre-registration is possible at [www.welcometojam.com](http://www.welcometojam.com).

