

**i-JECT dedicated needle**



Setting time for i-JECT dedicated needle: 1.3sec.

VS


**Conventional existing needle**



Setting time for conventional needle : 4sec.

Competitiveness of  
**i-JECT** dedicated needle,  
4 times faster in the  
needle setting

- 1**  
4 times faster clamping speed than conventional needle.
- 2**  
Eliminates needle thread damage caused by multiple turns
- 3**  
Eliminates the risk of infection from needle puncture by reduction the needle with single-turn.

i-JECT only Needle price tag				
Dedicated Needle Photo	Product name	Standard	Quantity	Price
	31G 12mm(EX.short)-special	PACK	1	₩18,000
	30G 12mm(EX.short)	"	1	₩8,800
	30G 21mm(Short)	"	1	₩8,800
	30G 25mm(Long)	"	1	₩8,800
	27G 21mm(Short)	"	1	₩8,800
	27G 25mm(Long)	"	1	₩8,800



▲Product descriptions i-JECT



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**Pain Control Package**

New

I-JECT ON



i-JECT



Digital Automatic Syringe

# i-JECT

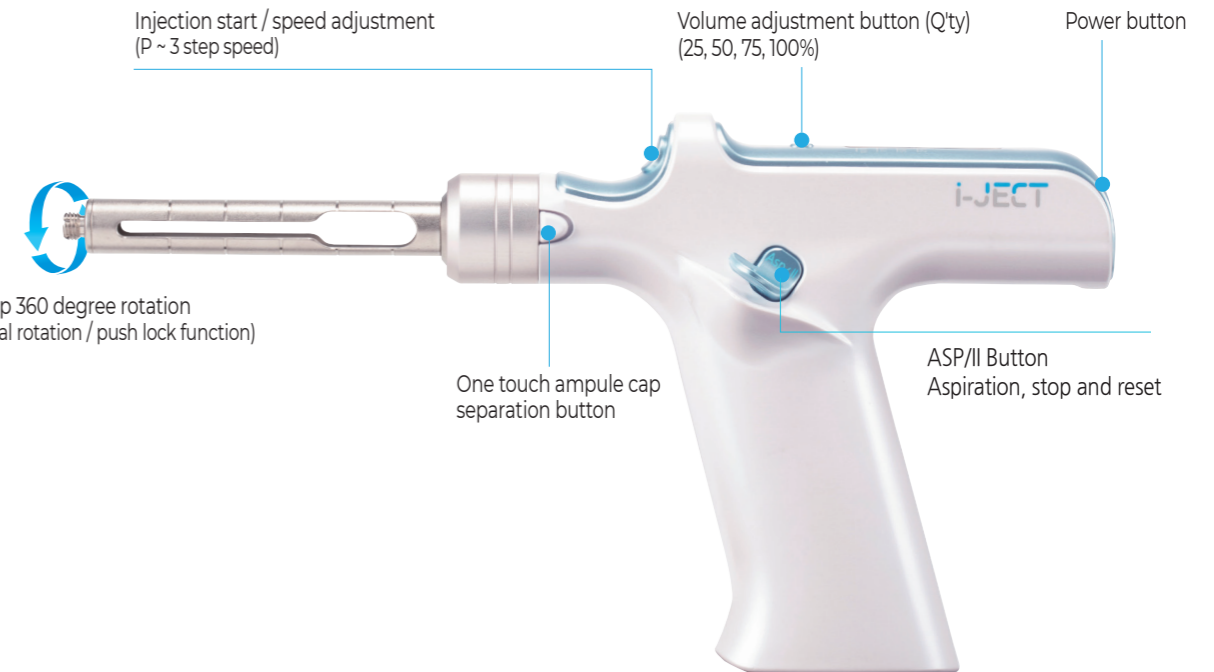






Digital automatic  
anesthesia syringe for  
doctors and patients

i-JECT



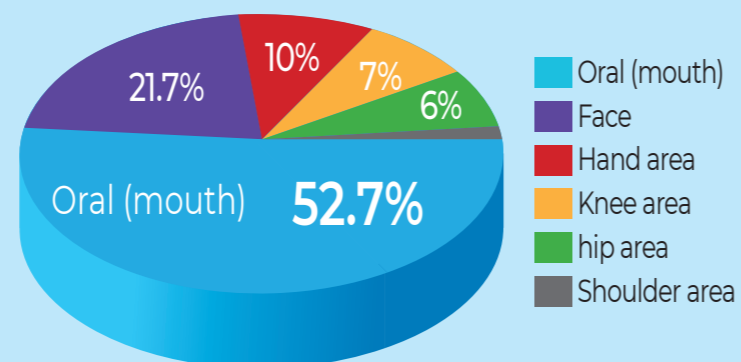
## Digital painless anesthetic syringe i-JECT for local anesthesia based on pain relief algorithm

We have studied the clinical application of anesthetic injections in the hospitals for more than 10 years.

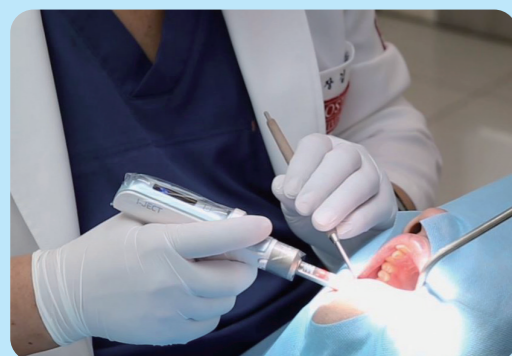
i-JECT was created through joint research and development with medical device R & BD platform at Seoul National University Dental Hospital, of which ergonomic design and the state-of-the-art patented technologies will help you with anesthesia procedures.

What was the most painful part of the anesthesia procedure?

52.7% of patients in the hospital reported the most severe dental anesthesia.



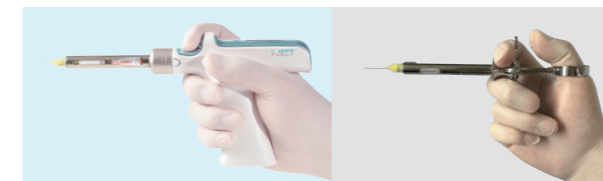
- Subject of survey : Consumer Survey on Hospital Anesthesia Injections
- Investigating Organization: Open survey panel
- Survey period : 2020. 03. 20 ~ 03. 20
- respondents: total 300



'i-JECT' Example of clinical use

### 85% similar grip feeling with conventional manual syringe

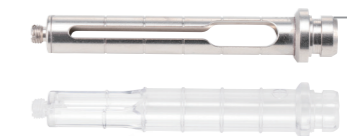
i-JECT has developed a grip with the same design as a conventional hand-held syringe for doctors' easy of use.



Picture of i-JECT grip

Picture of conventional manual syringe

Sterilizable metal cap (Stainless steel) is provided as standard to reduce the cost of consumables



**Metal ampule cap provided**

(Sterilizable)

**Plastic ampule cap**  
(Disposable / Option)



**Convenient battery removal**  
(2 batteries included)

World's First



### Aspiration function

Performing an aspiration function to prevent the insertion of a needle into the vessel during transfer anesthesia(When the ASP button is operated, the drug flows back and blood can be checked.)



**Use hygienic vinyl cover** - 1Box : 300EA  
(Prevent contamination such as foreign substances)



'i-JECT' can be used all areas of local anesthesia



Care for the patient begins with an unpainful anesthetic injection.

i-JECT is more effective for these patients.

- Patients in fear of anesthesia
- Patients with hypertension / inflammation
- First Visit

Relieves fear of anesthetic injection

Fast anesthesia effect

Safe Quantitative Anesthesia Effect

Psychological Placebo Effect in Patients

Increasing Treatment Satisfaction

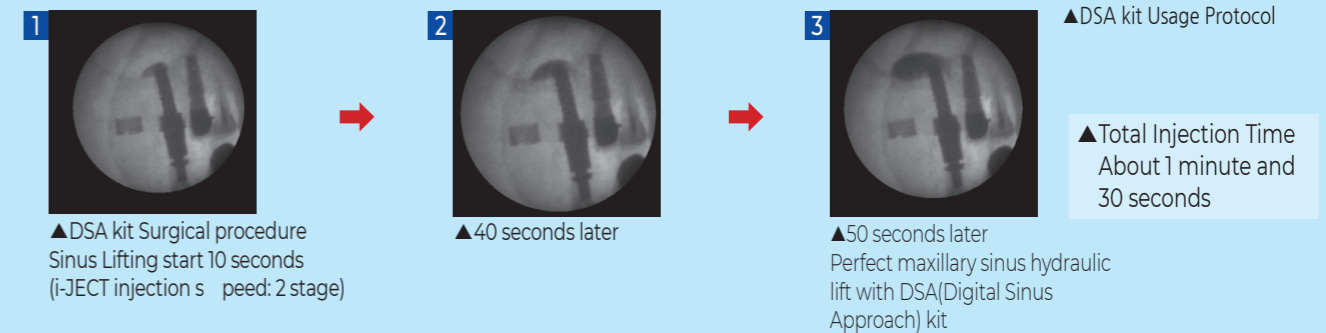
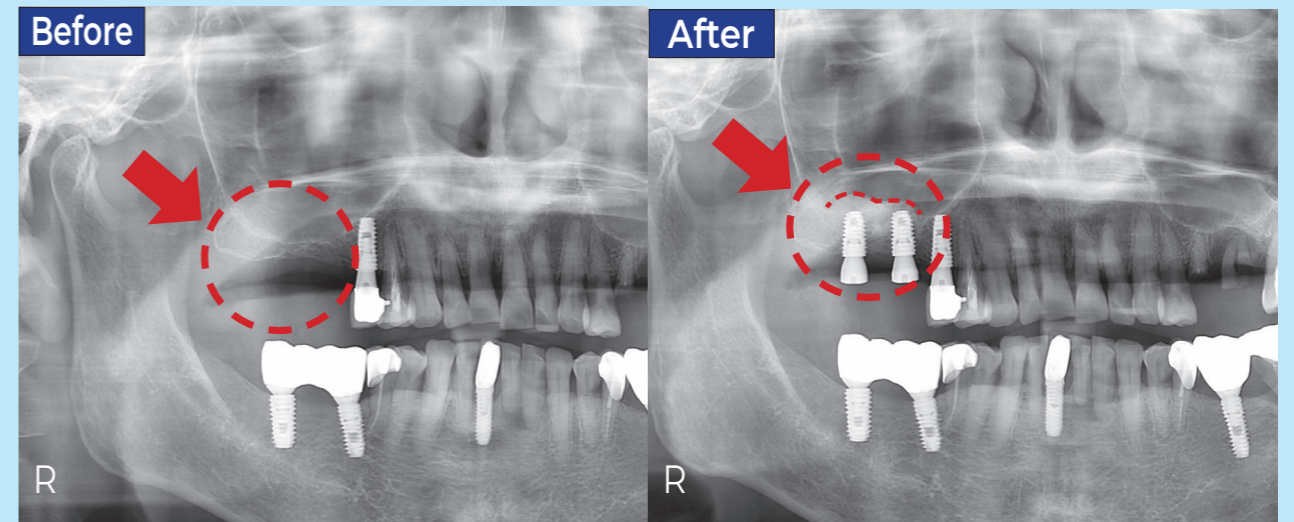
# i-JECT DSA kit

## DSA(Digital Sinus Approach)

**Safety** : Safely perform hydraulic lift with the function of precise and constant saline solution injection without damage to maxillary membrane.

**Convenience** : Digital automatic injection function by pressing a button rather than a conventional unstable manual injection method.

DSA clinical treatment using i-JECT (Digital Sinus Approach)



### DSA kit Usage Protocol(Non surgical guide type)

Stage 1	Use 'Crestal Approach kit' and open the maxillary(less than 1mm) to be implanted.
Stage 2	Fully open the maxillary(more than 1mm) to be implanted by Water Tip to 50 rpm(implant placement mode).
Stage 3	Connect silicon tube at the bottom of Water Tip. (Before the connection, make sure that the silicon tube is filled with saline solution)
Stage 4	Press the Start Button and inject saline solution at 2nd Speed Stage.
Stage 5	1 minute 30 seconds later, complete maxillary membrane lifting with an injection of approximately 3ml of capacity. (Can be set to change the amount of celline injection)

### • DSA kit Components



▲Clinical Procedure Video