

**Package Insert**  
SINUVA (mometasone furoate) sinus implant  
Reference 70034

**HIGHLIGHTS OF PRESCRIBING INFORMATION**

These highlights do not include all the information needed to use SINUVA™ safely and effectively. See full prescribing information for SINUVA.

**SINUVA (mometasone furoate) sinus implant**  
Initial U.S. Approval: 1987

**INDICATIONS AND USAGE**

SINUVA™ Sinus Implant is a corticosteroid-eluting (mometasone furoate) implant indicated for the treatment of nasal polyps in patients ≥ 18 years of age who have had ethmoid sinus surgery. (1)

**DOSAGE AND ADMINISTRATION**

The SINUVA Sinus Implant is loaded into a Delivery System and placed in the ethmoid sinus under endoscopic visualization. The Implant may be left in the sinus to gradually release the corticosteroid over 90 days. The Implant can be removed at Day 90 or earlier at the physician's discretion using standard surgical instruments. (2,2)

To be inserted by physicians trained in otolaryngology. (2,3)  
Repeat administration has not been studied. (2,4)

**DOSAGE FORM AND STRENGTH**

One SINUVA Sinus Implant system contains 1350 meg of mometasone furoate and a sterile Delivery System. (3)

**CONTRAINDICATIONS**

Patients with known hypersensitivity to mometasone furoate and any of the ingredients of the SINUVA Sinus Implant. (4)

**WARNINGS AND PRECAUTIONS -**

Monitor nasal mucosa adjacent to the SINUVA Sinus Implant for any signs of bleeding (epistaxis), irritation, infection, or perforation. Avoid use in patients with nasal ulcers or trauma. (5.1)  
Monitor patients with a change in vision or with a history of increased intraocular pressure, glaucoma, and/or cataracts closely. (5.2)

Hypersensitivity reactions, including rash, pruritus, and angioedema, have been reported with use of corticosteroids. (5.3)  
Potential worsening of existing tuberculosis; fungal, bacterial, viral, or parasitic infection; or ocular herpes simplex. More serious or even fatal course of chickenpox or measles in susceptible patients. Use caution in patients with the above because of the potential for worsening of these infections. (5.4)  
If corticosteroid effects such as hypercorticism and adrenal suppression appear in patients, consider sinus implant removal. (5.5)

**ADVERSE REACTIONS**

The most common adverse reactions (in more than 1% of subjects) were bronchitis, nasopharyngitis, otitis media, headache, presyncope, asthma, and epistaxis. (6)

To report SUSPECTED ADVERSE REACTIONS, contact Intersect ENT at 1-866-531-6004 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch

See 17 for PATIENT COUNSELING INFORMATION  
Revised: 12/2017

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**FULL PRESCRIBING INFORMATION**

**1 INDICATIONS AND USAGE**

SINUVA™ Sinus Implant is a corticosteroid-eluting (mometasone furoate) implant indicated for the treatment of nasal polyps in patients ≥ 18 years of age who have had ethmoid sinus surgery.

**2 DOSAGE AND ADMINISTRATION**

**2.1 Dosing**  
One SINUVA Sinus Implant containing 1350 meg of mometasone furoate.

**2.2 General Instructions**

The SINUVA Sinus Implant (Figure 1) is loaded into a Delivery System and placed in the ethmoid sinus under endoscopic visualization. The SINUVA Sinus Implant is made from bioabsorbable polymers designed to gradually soften over time. The SINUVA Sinus Implant may be left in the sinus to gradually release the corticosteroid over 90 days. The SINUVA Sinus Implant can be removed at day 90 or earlier at the physician's discretion using standard surgical instruments.

**2.3 Health Care Provider Training**

The SINUVA Sinus Implant is to be used by physicians trained in otolaryngology. Specialized training is not required for these physicians.

**2.4 Repeat Administration**

There are no studies evaluating repeat implantation of the SINUVA Sinus Implant.

**2.5 Placement of SINUVA Sinus Implant**

The SINUVA Sinus Implant is designed for single patient use only. Do not reprocess or reuse.

- Do not use if the package is open, the package or product is damaged, or has evidence of gross contamination.
- Special care should be taken to avoid bending, twisting, or damaging the implant.
- The implant is not designed to be modified by the physician.
- The implant is not intended to be compressed and loaded into the Delivery System more than two times. The implant must be placed under endoscopic visualization.

**Patient Preparation**

The patient should be prepared following routine protocols for in-office sinonasal endoscopic procedures.

**Implant Preparation**

Remove the Crimper (Figure 2) and the Delivery System (Figure 3) from their protective packaging using sterile technique. Inspect the SINUVA Sinus Implant located inside of the Crimper (Figure 2). Do not remove the Implant from the Crimper. Prior to use, the SINUVA Sinus Implant must be crimped and loaded into the Delivery System. If the SINUVA Sinus Implant is not fully seated inside of the Crimper, secure the SINUVA Sinus Implant before proceeding. See instructions to secure the SINUVA Sinus Implant (Figure 12–15).

IMPLANT	Length (nominal):	20 mm
	Expanded Diameter (nominal):	34 mm
DELIVERY SYSTEM	Shaft Length	117 mm

Figure 1: Implant

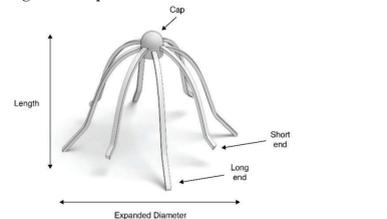
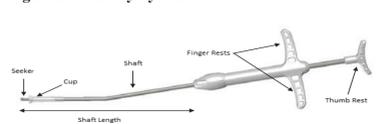


Figure 2: Crimper with Implant



Figure 3: Delivery System



5. With the Thumb Rest depressed, gradually apply perpendicular downward force to the SINUVA Sinus Implant until the ends of the Implant collapse around the Seeker of Delivery System (Figure 8). Make sure that the Finger Rests are not released while pushing downwards. **Figure 8**



8. Apply a downward push on the Delivery System to ensure that the SINUVA Sinus Implant is secured in the Cup (Figure 10). This will also ensure the Implant is compressed to its smallest profile for insertion. **Figure 10**



9. Retract the Delivery System from the Crimper. The SINUVA Sinus Implant should remain symmetrically loaded in the Cup of the Delivery System (Figure 11). **Figure 11**



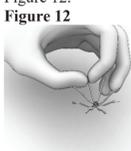
**CAUTION: Do not leave the SINUVA Sinus Implant in the crimped state for more than 5 minutes prior to placement.**

**Instructions to Secure the SINUVA Sinus Implant in the Crimper**

If necessary, the Implant may be reloaded into the Crimper for a second time.

**CAUTION: The SINUVA Sinus Implant should not be used if the second attempt to crimp is unsuccessful.**

1. Hold the SINUVA Sinus Implant by one end as shown in Figure 12. **Figure 12**



2. Holding the SINUVA Sinus Implant with the dome-shaped Cap positioned downward (Figure 13), place the Implant back into the Crimper. **Figure 13**



3. Ensure that each Implant is secured in the Crimper by pressing down on the center of the Implant until all ends of the Implant are below the rim of the Crimper (Figure 14). **Figure 14**



4. Inspect the Implant and the Crimper to ensure that all the Implant ends are secured below the rim of the Crimper (Figure 15). Return to Implant Preparation Step 1 for instructions on how to load the re-secured implant into the delivery system. **Figure 15**



**Instructions for the SINUVA Sinus Implant Placement**

Advance the Delivery System under endoscopic visualization into the ethmoid sinus cavity.

1. Ensure that the Delivery System is oriented such that the 10° curvature of the distal tip is curved superiorly. Insert

1. Place the Crimper on a flat surface and hold to prevent any potential slipping of the Crimper during loading of the SINUVA Sinus Implant into the Delivery System. Orient the Crimper such that the short ends of the Implant are in the 12 o'clock and 6 o'clock position (Figure 4) **Figure 4**



2. Grasp the Delivery System with the index and middle fingers on the left or right hand using the Finger Rests and the thumb in the Thumb Rest (Figure 5). **Figure 5**



3. Pull back on the Finger Rests while pressing down on the Thumb Rest to retract the Cup, and expose the Seeker (Figure 6). **Figure 6**



4. Position the tip of the Seeker with its 10° angled tip downwards toward the user in the depression in the center of the SINUVA Sinus Implant (Figure 7). The distal end of the angled shaft must be in a vertical position, perpendicular to the Crimper, during positioning. Ensure the plane of the angled tip is in the same plane as the short ends of the Implant that were oriented in the 12 o'clock / 6 o'clock position in step 1. **Figure 7**



the Delivery System such that the Shaft is parallel to roof of ethmoid sinus.

2. If the SINUVA Sinus Implant becomes dislodged from the Delivery System prior to placement into the ethmoid sinus, remove the Implant and inspect for damage, re-load the undamaged Implant in the Crimper, and re-crimp the Implant into the Delivery System. Note that the SINUVA Sinus Implant should not be loaded into the Delivery System more than twice.

3. Release the SINUVA Sinus Implant by pressing down on the Thumb Rest while pulling back on the Finger Rests in a controlled manner.

4. Place the SINUVA Sinus Implant amongst the sinus polyps with the cap oriented toward the posterior ethmoid sinus, and with the Implant positioned as superiorly as possible in the sinus. The long ends of the Implant should be in approximately the 2 o'clock, 4 o'clock, 8 o'clock and 10 o'clock positions, respectively. Confirm final placement of the SINUVA Sinus Implant by endoscopic visualization. To adjust the position of the SINUVA Sinus Implant, use the Seeker on the Delivery System or standard endoscopic surgical instruments.

**Post Placement Instructions**

Reposition the Implant if its ends are perpendicular to and in contact with the nasal septum. Avoid excessive manipulation of the Implant during follow-up, as this can cause dislodgement.

**2.6 Removal Instructions**

The SINUVA Sinus Implant is made from bioabsorbable polymers designed to gradually soften over time. The Implant may be left in the sinus to gradually release the corticosteroid over 90 days. The SINUVA Sinus Implant can be removed at any time at the physician's discretion using standard endoscopic instruments.

**3 DOSAGE FORM AND STRENGTH**

Each SINUVA Sinus Implant is a sterile, single-use, bioabsorbable implant, coated with a formulation containing 1350 meg mometasone furoate that is gradually released over 90 days.

**4 CONTRAINDICATIONS**

Patients with known hypersensitivity to mometasone furoate, or to any of the copolymers of the SINUVA Sinus Implant [see Description (11)].

**5 WARNINGS AND PRECAUTIONS**

**5.1 Local Effects**

Monitor nasal mucosa adjacent to the SINUVA Sinus Implant for any signs of bleeding (epistaxis), irritation, infection, or perforation. Avoid use in patients with nasal ulcers or trauma.

**5.2 Ocular Effects**

Glaucoma, cataracts, and clinically significant elevation of intraocular pressure were not observed in patients from the treatment group of one randomized controlled clinical study (N = 53) who underwent bilateral placement of SINUVA Sinus Implants. Close monitoring is warranted in patients with a change in vision or with a history of increased intraocular pressure, glaucoma, and/or cataracts.

**5.3 Hypersensitivity Reactions**

Hypersensitivity reactions, including rash, pruritus, and angioedema have been reported with use of corticosteroids.

**5.4 Immunosuppression**

Persons who are using drugs that suppress the immune system are more susceptible to infections than healthy individuals. Chickenpox and measles, for example, can have a more serious or even fatal course in susceptible children or adults using corticosteroids. In such children or adults who have not had these diseases or who are not properly immunized, particular care should be taken to avoid exposure. How the dose, route, and duration of corticosteroid administration affect the risk of developing a disseminated infection is not known.

The contribution of the underlying disease and/or prior corticosteroid treatment to the risk is also not known. If exposed to chickenpox, prophylaxis with varicella zoster immune globulin (VZIG) may be indicated. If exposed to measles, prophylaxis with pooled intramuscular immunoglobulin (IG) may be indicated (See the respective package inserts for complete VZIG and IG prescribing information). If chickenpox develops, treatment with antiviral agents may be considered. Corticosteroids should be used with caution, if at all, in patients with active or quiescent tuberculosis infection of the respiratory tract; untreated systemic fungal, bacterial, viral, or parasitic infections; or ocular herpes simplex.

**5.5 Hypercorticism and Adrenal Suppression**

Hypercorticism and adrenal suppression were not evaluated as part of the SINUVA Sinus Implant clinical program.

Since individual sensitivity to effects of cortisol production exists, physicians should consider this information when prescribing SINUVA Sinus Implant. Particular care should be taken in observing patients postoperatively or during periods of stress for evidence of inadequate adrenal response.

It is possible that systemic corticosteroid effects such as hypercorticism and adrenal suppression may appear in patients, particularly when systemic mometasone furoate is administered at higher than recommended doses over prolonged periods of time. If such effects occur, consider sinus implant removal.

