

Rx Only

smith&nephew

CE 0123

PAVYZAVYS RAPID RHINO

Nasal Catheter

Anterior / Posterior Epistaxis

(RR 900)

Instructions for Use

DESCRIPTION

The RAPID RHINO 900 epistaxis device is a dual ballooned PVC nasal catheter designed to assist in the control of anterior and posterior nasal epistaxis. The central inflation tubing and balloon portion of the RR 900 are constructed of pliable PVC. The posterior balloon is capable of accommodating 10 - 15 ml of air. The anterior balloon is capable of accommodating 25 - 30 ml of air. The balloons are inflated with air using a syringe via their respective check valves, located at the proximal portion of the inflation catheters. The posterior balloon inflation tube is indicated with a green stripe across the swallow guard. The device is designed to allow the posterior balloon to anchor within the choanae. The joint between the two balloons will be placed posteriorly to the distal end of the inferior turbinate. The anterior cuff is inflated separately to fill the anterior nasal space. A shroud of reinforced wet knitted hydrofiber covers the nasal catheter. The fabric, by its design, wicks to form a gel providing a moist environment, which facilitates ease of placement and removal. Disengagement of the clot is minimized upon removal due to its hydroscopic capability. Because the fabric shroud is elastic and reformable, it is able to stretch and allows the inflated balloon to fill the cavity. The hydrocolloid fabric is pressed against the vessel wall. The fabric is reinforced with a non-dissolving fiber so that it will maintain its integrity even when fully gelled. A safety balloon (pilot balloon) is located between each of the inflation luer valves and the inflation catheters, which will allow the physician direct tactile feedback of the balloon pressure inside the nasal cavity.

The maximum volume of air will rarely, if ever, be used. The critical parameter is pressure not volume, which is indicated by the pilot balloon.

INDICATIONS FOR USE

The epistaxis balloon is a device consisting of an inflatable balloon intended to control internal nasal bleeding by exerting pressure against the sphenopalatine artery.

CONTRAINDICATIONS

There are no known contraindications. Medical judgment is necessary when using RR 900 on patients with severe head trauma and in patients whose facial anatomy may not accommodate the full catheter length.

WARNINGS and PRECAUTIONS

- Inflate only with air.
- During inflation, the pressure should be constantly monitored by referencing the pilot balloons.
- Monitor the device for any sign of deflation, which can cause dislodgement of the nasal catheter.
- Over inflating the PVC balloon may result in: a) balloon rupture with possible trauma to nasal tissue or b) tissue necrosis due to excessive pressure.
- Do not exceed stated maximum volumes. Exceeding these volumes may cause the balloon to rupture.
- Contact of the inflated balloon with sharp instrumentation can

HOW SUPPLIED

The device is supplied sterile and is for SINGLE USE ONLY. Do not clean, resterilize, or reuse the device, as this may damage or compromise the performance resulting in product malfunction, failure, or patient injury. Cleaning, reesterilization, or reuse of the device may also expose the patient to the risk of transmitting infectious diseases.

The product is sterilized using ethylene oxide.

The product is not made with natural rubber latex.

DISPOSAL

The device must be disposed of in accordance with applicable government regulations and the Medical Waste Management Plan for the facility.

CUSTOMER SERVICE

Warranty Information

This product is guaranteed for materials, function, and workmanship for single patient use only. DO NOT REUSE. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, AND/OR STATUTORY, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS, AND/OR SUITABILITY FOR A PARTICULAR PURPOSE, AND OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF ARTHROCARE.

Product Complaints & Return Authorization

All questions, complaints, or return authorization requests should be directed to Customer Service or an authorized representative.

ArthroCare Corporation
7000 West William Cannon Drive
Austin, TX 78735 USA
Phone: (800) 343-5717
CUSTOMER SERVICE
www.arthrocare.com

EC REP Smith & Nephew Orthopaedics GmbH
Alemannensstraße 14
78532 Tuttlingen
Germany
ec.rep@smith-nephew.com

SYMBOLS KEY

- REF Catalogue Number
- LOT Lot Number
- Use-by Date GALIOLIMO DATA
- Consult Instructions for Use
- Do not reuse VIENKARTIMO NAUDOTIMO
- Do not reesterilize
- Do not use if package is damaged
- Keep dry
- Keep away from sunlight
- Caution
- STERILIZED Sterilized using ethylene oxide
- STERILE
- Manufacturer
- EC REP Authorized Representative in the European Community

PAVYZAVYS instrukcijos (visiems suštomėjus nosies tamponams - taikoma tapati instrukcija (naudasi dėžutėje produktu: RR 550, RR 552, RR 750, RR 752, RR 500, RR 800.))

pozicijos: 1, 2, 3, 4, 5, 6.

RR550, RR552, RR750, RR752
PAUZYRŲS. Pozicijoms: 1, 2, 3, 4, 5, 6.



REF RR 552
LOT 200203
RAPID RHINO®
5.5 Bilateral

smith&nephew

2020-02-03

Sterilizacija

QTY: (1)

↓ Sterilizacija

Rx Only

STERILE EO

CE 0123



(01)00817470006643(17)200203(10)2010583

ArthroCare Corporation
7000 West William Cannon Drive
Austin, TX 78735 USA
Phone: (800) 347-717
www.arthrocare.com

EC REP
Smith & Nephew Medical Limited
101 Hesse Road
Hull HU3 2BN
United Kingdom
ec.rep@smith-nephew.com

P/N 21954-44 Rev. H

* INDIVIDUALIOS PAKUOJĖS *

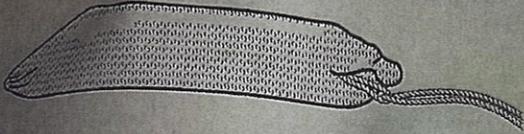
* ATIDARYMO VIETA

PAVYZDYS: Porcija 6, RR 500, RR 800 * ATIDARYMO VIETA

REF RR 800
LOT 2044668

smith&nephew

RAPID RHINO®
8 cm Nasal Dressing



Jaunumo data

2022-11-25

QTY: (1)

Rx Only

Sterilis

STERILE EO

CE 0123

VIENTKARTIŠIS



(01) 00817470006599 (17) 221125 (10) 2044668

ArthroCare Corporation
7000 West William Cannon Drive
Austin, TX 78735 USA
Phone: (800) 343-5717
www.arthrocare.com

EC REP
Smith & Nephew Orthopaedics GmbH
Alemannenstrasse 14
78532 Tuttlingen
Germany
ec.rep@smith-nephew.com

P/N 21954-39 Rev. L



INDIVIDUALIOS PAKUOTĖS

Rapid Rhino[®] for Epistaxis

Controls epistaxis in minutes

32 pozicija Tamponas nosies tamponade



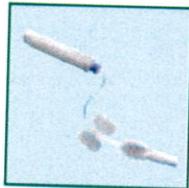
Rapid Rhino is the epistaxis solution

Combines gentle tamponade with platelet aggregation for fast, enduring epistaxis relief that maximizes patient comfort

6. dengvai tādām nosī
- Easy to insert and remove due to self-lubrication and ultra-low profile *7. gēlis*
 - Quickly conforms to nasal anatomy upon inflation *dengvai pūstaiho pūē nosies anāloūjos, kai pūciāmi*
- Available in a range of sizes.

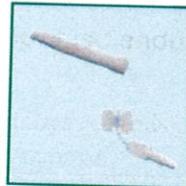
- Minimizes rebleeds because it does not stick to clots upon removal
- Allows healing in a moist environment with carboxymethylcellulose (CMC) fabric *Karbohsimetilcelulioze*

Unilateral Models



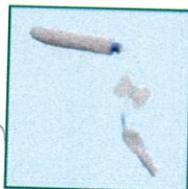
Rapid Rhino 450

- 4.5 cm anterior inflatable
- Successfully implemented in pediatric epistaxis cases
- Also for use in patients with small nasal anatomy



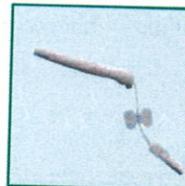
Rapid Rhino 551

- 5.5 cm anterior nasal tamponade that contains an airway
- For patients with COPD



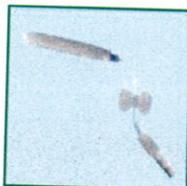
Rapid Rhino 550

- 5.5 cm anterior tamponade *RR550 (viņpusis)*
- Highly effective in stopping 90% of nose bleeds *su "dugēlio" aprauga*



Rapid Rhino 751

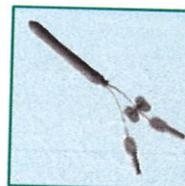
- 7.5 cm anterior/posterior device
- For patients with COPD



Rapid Rhino 750

- 7.5 cm device is also a successful tool against anterior and many posterior bleeds *RR750 viņpusis*
- su "dugēlio" aprauga*

Posterior Model *5. RR900*



Rapid Rhino 900 NEW!

- 9 cm inflatable epistaxis device
- Contains 2 balloons to control intranasal hemorrhage originating from the sphenopalatine artery

Bilateral Models



Rapid Rhino 552

- 5.5 cm bilateral device for more severe epistaxis cases *RR552*
- Stops bleeding vessels in the anterior region within both nostrils *viņpusis*

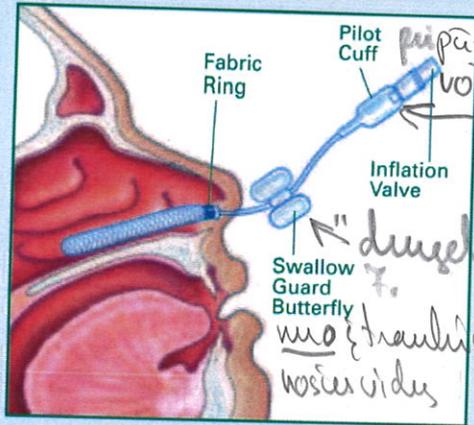


Rapid Rhino 752

- 7.5 cm anterior/posterior device features an airway lumen made of medical grade PVC *RR752*

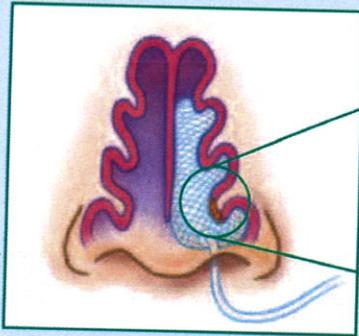
su pūšlele oroslēgto kontrolei ū pipātkus vāch.

*1. 4.5 cm
2. 5.5 cm
3. Latdesar, padēngtas
4. 7.5 cm
5. 9 cm
6. Su pūšlele oroslēgto kontrolei ū pipātkus vāch.*

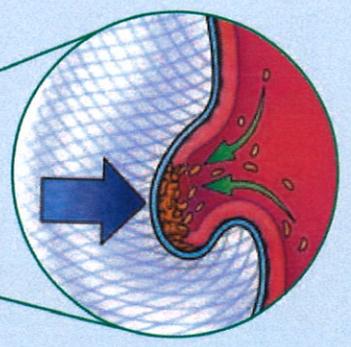


Rapid Rhino anatomy

Platelet aggregation and tamponade working together



Rapid Rhino with Carboxymethylcellulose (CMC) combines platelet aggregation with tamponade.



Pagarindi IS CMC (kardesimetil selulosa)
 ↓ (visi M.T.)

Available in a range of sizes:

Catalog no.	Epistaxis solution	Size	Units per box
Rapid Rhino Anterior Device Ultra low profile provides for unsurpassed ease of insertion			
RR 450	for small anatomy/pediatrics	4.5 cm	10
RR 550	for anterior adult epistaxis	5.5 cm	10
RR 551	for COPC patients (Airway included)	5.5 cm	10
Rapid Rhino Posterior/Anterior Device Cuff will conform to nasal anatomy and provide gentle tamponade			
RR 750	for challenging posterior and anterior epistaxis	7.5 cm	10
RR 751	for posterior and anterior epistaxis including COPD patients (Airway included)	7.5 cm	10
RR 900	Rapid Rhino Posterior Device Two independent balloons for severe posterior epistaxis	9 cm	10
Rapid Rhino Bilateral Device Offers simultaneous inflation via single Pilot Cuff			
RR 552	for anterior/bilateral epistaxis ideal for counter packing	5.5 cm	10
RR 752	for anterior/posterior epistaxis	7.5 cm	10



International
ArthroCare ENT
 Skeppsbron 2, 111 30 Stockholm, Sweden
 Tel: +46 8 546 172 00
 Fax: +46 8 546 172 39
 info@arthrocare.se

Australia
ArthroCare (Australasia Pty Ltd)
 PO Box 2186, Normanhurst NSW 2076 Australia
 Tel: +61 2 9479 9200 Fax: +61 2 9479 9299
 Email: service@arthrocare.net.au

Austria
Atlantech Med. Prod. Vertriebs-AG
 Kaufmannstrasse 15, 6020 Innsbruck, Austria
 Tel: +43 512 361 538 Fax: +43 512 361 548

France
ArthroCare France
 9, rue Noirot, 70000 Vesoul, France
 Tel: +33 84 76 81 38 Fax: +33 3 84 76 74 63

Germany
ArthroCare (Deutschland) AG
 Berghauser Str. 62, 42859 Remscheid, Germany
 Tel: +49 2191 93342 0 Fax: +49 2191 93342 49
 info@arthrocare.de

Scandinavia
ArthroCare Scandinavia ApS
 Science Center Skejby
 Brendstrupgårdsvej 21
 8200 Århus N, Denmark
 Tel: +45 7023 2850
 Fax: +45 7023 2851
 Email: info@arthrocare.dk

UK
ArthroCare UK Ltd
 St James Business Park
 9, Grimbald Crag Court
 Knaresborough
 North Yorkshire HG5 8QB
 United Kingdom
 Tel: +44 (0) 1423 888806
 Fax: +44 (0) 1423 888816
 Email: info@arthrocareuk.com

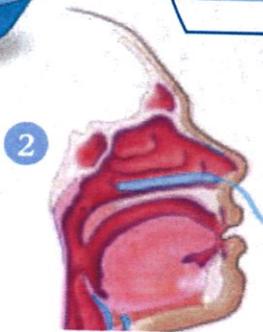
USA
ArthroCare ENT
 680 Vaqueros Avenue
 Sunnyvale, CA 94085-3523
 Tel: +1 408-736-0224

Rapid Rhino products are latex free.
Not for distribution in the United States
 © 2009 ArthroCare Corporation. ArthroCare, Rapid-Pac and Rapid Rhino are registered trademarks of ArthroCare Corporation.

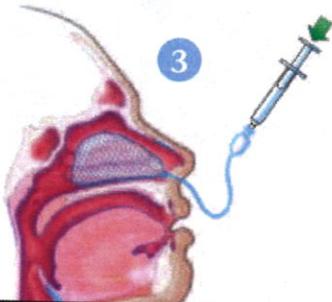


1 Open packaging and remove the protection tubes. Soak the tamponade in sterile water for one minute. **DO NOT** use saline, lubricants or antibiotic cream on the tamponade.

4. Mirkova & sterily vanden!



2 Ask the patient to gently blow their nose to remove excessive blood or clots. Insert the tamponade along the nasal floor until the plastic proximal fabric ring is well within the nasal vestibule.



3 Using a 20cc syringe, inflate the cuff in the tamponade with **AIR ONLY**. Monitor the patient and the small pilot cuff for direct tactile feedback of the pressure in the tamponade. Stop the inflation when the pilot cuff becomes rounded and feels firm when squeezed (similar to placement of endotracheal tube).

As the cuff inflates, it conforms to the patient's unique anatomy and provides a gentle low pressure tamponade that delivers the CMC fabric directly to the bleed site. The amount of air needed is determined by the patient's nasal anatomy – that volume will result in a firm pilot cuff.

IMPORTANT: When transporting a patient by air who has an inflated Rapid Rhino Epistaxis Tamponade in the nasal cavity, check the pilot cuff pressure and release excess air if necessary. This is to avoid excessive tamponade pressure caused by changes in cabin pressure during the flight.



4 Prior to patient discharge, tape the pilot cuff on the cheek of the patient using the plastic wings. The CMC will remain moist while providing a non-stick surface thus allowing for early removal. **IMPORTANT:** Prior to discharge of the patient, wait for 10-15 minutes and squeeze pilot cuff. If pilot cuff is no longer round and firm, add air until firm. Tape the cuff securely to the cheek without tube slack. This will prevent downward migration after the turbinate swelling returns to normal.

REMOVAL: Use a 20-cc syringe to completely evacuate the air. Gently slide the deflated cuff out of the nose.

Rapid Rhino products are latex free. www.arthrocareent.com

ArthroCare Europe AB
Skeppsbron 2, 111 30 Stockholm, Sweden
Tel: +46 8 546 172 00
Fax: +46 8 546 172 39
E-mail: ent@arthrocare.se

ArthroCare UK Ltd
St James Business Park, 9, Grimbald Crag Court
Knaresborough, North Yorkshire HG5 8QB, UK
Tel: +44 (0) 1423 888806
Fax: +44 (0) 1423 888816
Email: info@arthrocareuk.com

ArthroCare ENT USA
680 Vaqueros Avenue
Sunnyvale, CA 94085-3523
Tel: +1 408-736-0224

5.

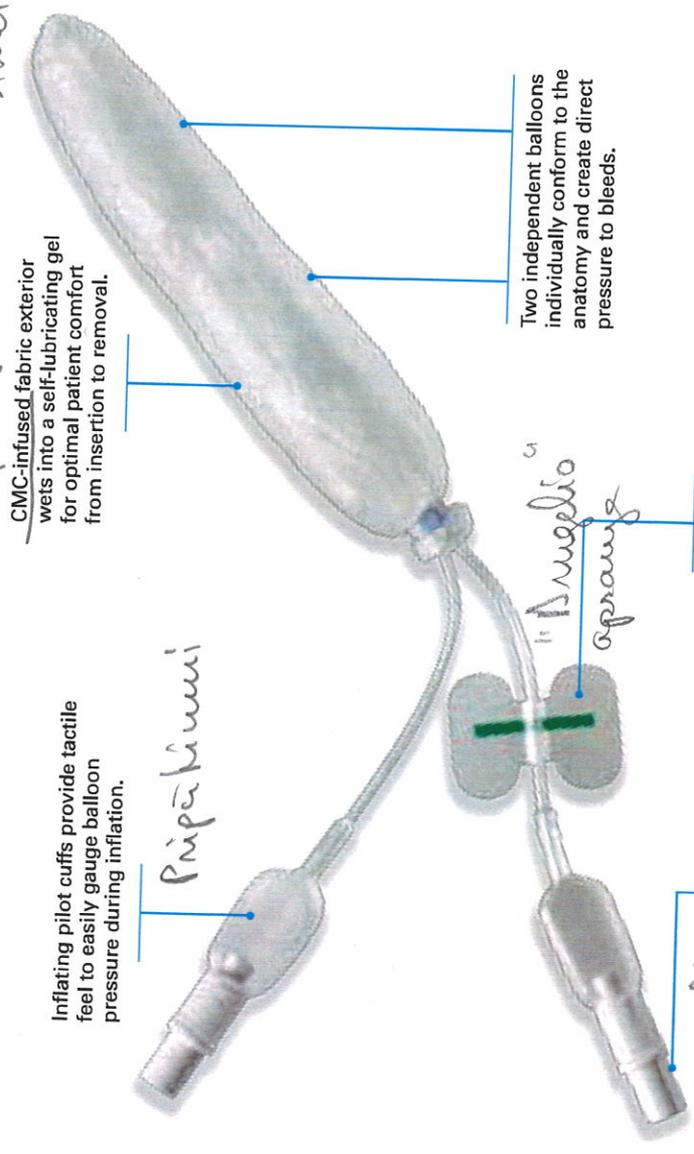
sadanyasit dwejes balloon

Rapid Rhino 900 contains two balloons to control intranasal hemorrhage originating from the sphenopalatine artery for posterior epistaxis.

Posterior
RR 900 9.0cm

4.3

Galiniam kanyavivini
Wolovo padanyinasu kabolisivetilicilioro



Inflating pilot cuffs provide tactile feel to easily gauge balloon pressure during inflation.

CMC-infused fabric exterior wets into a self-lubricating gel for optimal patient comfort from insertion to removal.

Two independent balloons individually conform to the anatomy and create direct pressure to bleeds.

Green-lined swallow guard provides indication for posterior balloon.

AIR inflation provides a delicate and lightweight pressure mechanism.

Labesivipasale

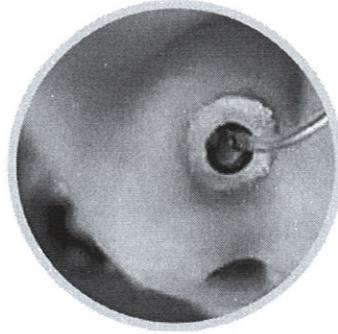
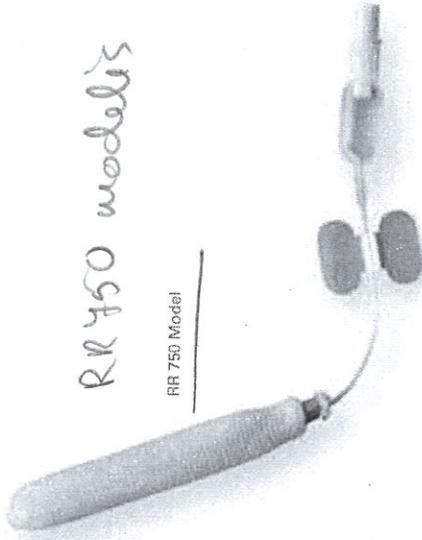
Carboxymethylcellulose (CMC) is a highly absorbent hydrocolloid-polymer polysaccharide material that forms a gel when hydrated.

Anterior

RR 450 4.5cm
RR 550 5.5cm
RR 750 7.5cm

Anterior with Airway

RR 551 5.5cm
RR 751 7.5cm

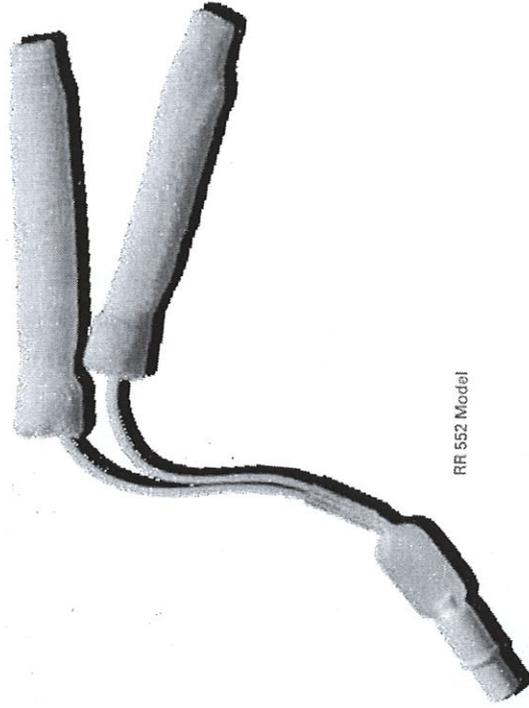


The central airway of the RR 551 & RR 751 allows the patient some continued nasal airflow with the device properly positioned.

ANTERIOR/ANTERIOR WITH AIRWAY

Quickly conforms to nasal anatomy and provides gentle and even compression to areas of epistaxis.

Bilateral *Modelai*
RR 552 5.5cm
RR 752 7.5cm



RR 552 Model

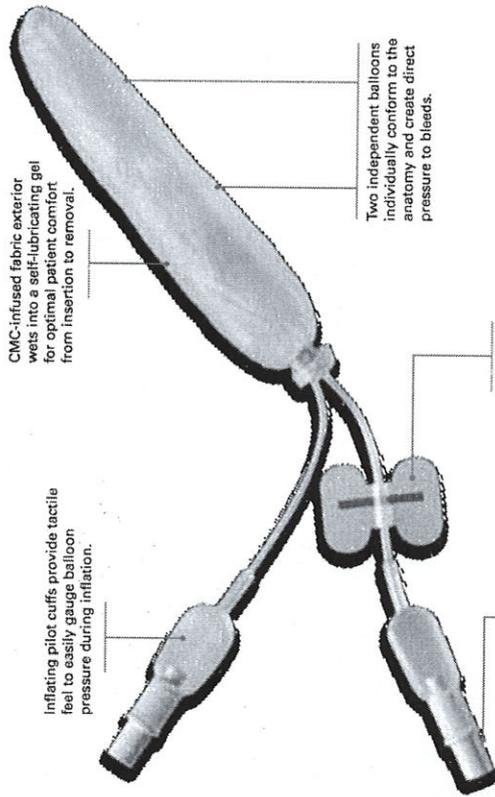
BILATERAL

Rapid Rhino 900 contains two balloons to control intranasal hemorrhage originating from the sphenopalatine artery for posterior epistaxis.

Posterior

Modelis

RR 900 9.0cm



CMC-infused fabric exterior wets into a self-lubricating gel for optimal patient comfort from insertion to removal.

Inflating pilot cuffs provide tactile feel to easily gauge balloon pressure during inflation.

Two independent balloons individually conform to the anatomy and create direct pressure to bleeds.

Green-lined swallow guard provides indication for posterior balloon.

AIR inflation provides a delicate and lightweight pressure mechanism.

POSTERIOR

Septoplasty



ENTACT® Septal
Stapler 3-Pack

Catalog Number

601-00100

Sinus Dressings and Implants

Removables

Catalog Number



RAPID RHINO 300
Dressing
• Riemann

RR 300



RAPID RHINO 400
Dressing
• Riemann

RR 400



RAPID RHINO 500
Dressing
• Goodman

RR 500

5cm



RAPID RHINO 800
Dressing
• Mannheim

RR 800

8cm

Dissolvables

Catalog Number



RAPID RHINO
SINU-KNIT®
Dissolvable Dressing

RR 600



SINU-FOAM®
Dissolvable Dressing

RR 650



NASASTENT
Dissolvable Dressing

RR1000

RAPID RHINO® Epistaxis

Unilateral Models

Catalog Number



RAPID RHINO 450
Tamponade 4.5cm,
inflatable

RR 450



RAPID RHINO 550
Tamponade 5.5cm,
inflatable

RR 550



RAPID RHINO 551
Tamponade 5.5cm,
inflatable with
airway

RR 551



RAPID RHINO 750
Tamponade 7.5cm,
inflatable

RR 750



RAPID RHINO 751
Tamponade 7.5cm,
inflatable with
airway

RR 751



RAPID RHINO 900
Tamponade 9cm,
inflatable

RR 900



RAPID RHINO 530
Tamponade -
Rapid-Pac®, 5.3cm,
non-inflatable

RR 530

Bilateral Models

Catalog Number



RAPID RHINO 552
Tamponade 5.5cm,
inflatable

RR 552



RAPID RHINO 555
Tamponade 5.5cm,
inflatable with
airway

RR 555



RAPID RHINO 752
Tamponade 7.5cm,
inflatable

RR 752



RAPID RHINO 755
Tamponade 7.5cm,
inflatable with
airway

RR 755

Learn more at smith-nephew.com

Manufactured by:
ArthroCare Corporation
7000 West William
Cannon Drive
Austin, TX 78735, USA

*Trademark of Smith+Nephew.
All trademarks acknowledged.
©2020 Smith+Nephew. All rights
reserved. 18338-EMEA V3 1120

M.