



November 15, 2016

To: Surgeons
Subject: **URGENT MEDICAL DEVICE FIELD SAFETY NOTICE (REMOVAL)**

Affected Products: Optipac® Bone Cement

Optipac Hipset	Optipac 40 Refobacin Bone Cement R	Optipac 60 Refobacin Bone Cement R	Optipac 80 Refobacin Bone Cement R
Optipac Softpac Hipset	Optipac-S 40 Refobacin Bone Cement R	Optipac-S 60 Refobacin Bone Cement R	Optipac-S 80 Refobacin Bone Cement R
Optipac Knee Refobacin Bone Cement R	Optipac 40 Refobacin Plus Bone Cement	Optipac 60 Refobacin Plus Bone Cement	Optipac 80 Refobacin Plus Bone Cement
Optipac-S Knee Refobacin Bone Cement R	Optipac Softpac Refobacin Revision 40	Optipac-S 60 Refobacin Plus Bone Cement	Optipac-S 80 Refobacin Plus Bone Cement
Optipac Knee Refobacin Plus Bone Cement	Optipac Refobacin Revision 40		Optipac Refobacin Revision 80
Optipac-S Knee Refobacin Plus Bone Cement	Optipac-S 40 Refobacin Plus Bone Cement		Optipac-S Refobacin Revision 80

Dear Sirs or Madams,

This notice is to inform you that Biomet Orthopaedics Switzerland GmbH is conducting a medical device Field Safety Corrective Action (removal) of Optipac® Bone Cement involving all sizes manufactured since January 2014 (References and affected lots as identified in attachment 2).



Picture 1: Optipac product



During internal investigation, it was identified that Biomet Orthopaedics cannot guarantee that the sterilization process for the Optipac is fully compliant.

The potential risks associated to the issue are the following:

Risks		
Describe immediate health consequences (injuries or illness) that may result from use of or exposure to the product issue.	Most Probable	Worst Case
	None	None
Describe long range health consequences (injuries or illness) that may result from use of or exposure to the product issue.	Most Probable	Worst Case
	Inflammation Pain Early Infection Potential Swelling around the joint	Bacteremia (different level of aggressive bacteria/ germs) Infection around the prosthesis, resulting in inflammation around the prosthesis or potential non osseo-integration resulting in both cases in revision surgery (due to infection) Potential undetected long term infection, Sepsis (with potential death depending on the threshold).

A review of complaints for the Optipac was conducted. The reported rate for the Optipac is 0, 0004 % for infections. It is up to a medical professional to assess whether any patient follow-up for this matter is required, but based on the current results there does not appear to be a need for additional patient follow-up beyond the standard patient follow-up protocol.

Our records indicate you may have received one or more of the affected products.

Surgeon/ Clinic Responsibilities:

1. Review this notification and ensure affected personnel are aware of the contents.
2. Assist your Zimmer Biomet sales representative quarantine all affected product.
3. Your Zimmer Biomet sales representative will remove the affected product from your facility.
4. Complete Attachment 1 – Certificate of Acknowledgement.
 - a. Return a digital copy to fieldaction.emea@zimmerbiomet.com or to your local Zimmer Biomet contact.
 - b. Retain a copy of the Acknowledgement Form with your recall records in the event of a compliance audit of your facilities documentation.
5. If after reviewing this notice you have further questions or concerns, please contact your Zimmer Biomet sales representative.

Other Information

This voluntary medical device Field Safety Notice was reported to all relevant Competent Authorities and the related Notified Body as required under the applicable regulations for Medical Devices.

Please keep Zimmer Biomet informed of any adverse events associated with this product or any other Zimmer Biomet product by emailing winterthur.per@zimmerbiomet.com or to your local Zimmer Biomet contact.



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Specific to Canada only: Please be aware that the names of user facilities notified are routinely provided to the Competent Authorities for audit purposes. This action is being taken with the knowledge of Health Canada and is in compliance with regulations set forth by Health Canada. Your urgent cooperation is needed.

The undersigned confirms that this notice has been delivered to the appropriate Competent Authorities, as per MEDDEV 2.12-1 revision 8.

We would like to thank you for your co-operation in advance and regret any inconveniences caused by this Field Safety Notice.

Sincerely,

Matthias Bürger

Zimmer Biomet Vice President QARC
For Biomet Orthopaedics Switzerland GmbH



ATTACHMENT 1 Certificate of Acknowledgement

By signing below, I acknowledge that the required actions have been taken in accordance with the Field Safety Notice.

Hospital Facility Surgeon (Please check one as applicable)

Printed Name: _____ Signature: _____

Title: _____ Telephone: () _____ - _____ Date: ____/____/____

Facility Name: _____

Facility Address: _____

City: _____ Country: _____ ZIP: _____

Note: This form must be returned to Zimmer Biomet before this action can be considered closed for your account. It is important that you complete this form and email a copy to: fieldaction.emea@zimmerbiomet.com

or to your local Zimmer Biomet contact:

ATTACHMENT 2

Affected Product List

Reference	Batch	Product Name
4740500394	0000864547	OPTIPAC HIPSET
4710500394	B336AG2906	OPTIPAC 40 REFOBACIN BONE CEMENT R
4710500394	A339AG2906	OPTIPAC 40 REFOBACIN BONE CEMENT R
4710500394	A339BG1502	OPTIPAC 40 REFOBACIN BONE CEMENT R
4710500394	A339BG2906	OPTIPAC 40 REFOBACIN BONE CEMENT R
4712500398	A338BG2906	OPTIPAC 80 REFOBACIN BONE CEMENT R
4710500394	A341AI0305	OPTIPAC 40 REFOBACIN BONE CEMENT R
4711500396	A330AH1205	OPTIPAC 60 REFOBACIN BONE CEMENT R
4710500394	A339BI0306	OPTIPAC 40 REFOBACIN BONE CEMENT R
4710500394	A339BI0305	OPTIPAC 40 REFOBACIN BONE CEMENT R
4712500398	A341CI0305	OPTIPAC 80 REFOBACIN BONE CEMENT R
4712500398	A343AI0305	OPTIPAC 80 REFOBACIN BONE CEMENT R
4720502083	A342AI0306	OPTIPAC 40 REFOBACIN PLUS BONE CEMENT
4730501163	211AAI0306	OPTIPAC REFOBACIN REVISION 40
4709500392	A312AF2404	OPTIPAC KNEE REFOBACIN BONE CEMENT R
4711500396	A344BI0906	OPTIPAC 60 REFOBACIN BONE CEMENT R
4710500394	A341AI0306	OPTIPAC 40 REFOBACIN BONE CEMENT R
4721502084	A343BI0906	OPTIPAC 60G REFOBACIN PLUS BONE CEMENT
4711500396	B339AI0906	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396	B339AI0306	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396	A337BI0906	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396	B344AI0306	OPTIPAC 60 REFOBACIN BONE CEMENT R
4722502117	B343BJ2205	OPTIPAC 80 REFOBACIN PLUS BONE CEMENT
4711500396	B344AI0906	OPTIPAC 60 REFOBACIN BONE CEMENT R
4732501165	341CAJ2205	OPTIPAC REFOBACIN REVISION 80
4712500398	A341CI0306	OPTIPAC 80 REFOBACIN BONE CEMENT R
4712500398	A343AG1502	OPTIPAC 80 REFOBACIN BONE CEMENT R
4710500394	A345BI1803	OPTIPAC 40 REFOBACIN BONE CEMENT R
4710500394	A345BG1502	OPTIPAC 40 REFOBACIN BONE CEMENT R
4709500392	A344AF2404	OPTIPAC KNEE REFOBACIN BONE CEMENT R
4720502083	A345AI0306	OPTIPAC 40 REFOBACIN PLUS BONE CEMENT
4740500394	0000879524	OPTIPAC HIPSET
4711500396	B344AJ3103	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396	B339AJ3103	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396-1	217AA13475	OPTIPAC-S 60 REFOBACIN BONE CEMENT R



Reference	Batch	Product Name
4710500394	A346AI0306	OPTIPAC 40 REFOBACIN BONE CEMENT R
4730501163	211AAI1803	OPTIPAC REFOBACIN REVISION 40
4720502083	A345AI1803	OPTIPAC 40 REFOBACIN PLUS BONE CEMENT
4710500394	A346AI1803	OPTIPAC 40 REFOBACIN BONE CEMENT R
4732501165-1	235CB13488	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4732501165-1	237AA13488	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4722502117-1	241AB13488	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4710500394	A341AI1803	OPTIPAC 40 REFOBACIN BONE CEMENT R
4712500398	A343AJ2205	OPTIPAC 80 REFOBACIN BONE CEMENT R
4721502084-1	233DB07545	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4712500398	B345BI1803	OPTIPAC 80 REFOBACIN BONE CEMENT R
4711500396	A344BJ3103	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396	A348AK1408	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396	A348AJ3103	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396	A348AK140A	OPTIPAC 60 REFOBACIN BONE CEMENT R
4721502084-1	233AA07565	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4712500398	B346AJ2205	OPTIPAC 80 REFOBACIN BONE CEMENT R
4710500394	A349BK0503	OPTIPAC 40 REFOBACIN BONE CEMENT R
4711500396	B349BK1408	OPTIPAC 60 REFOBACIN BONE CEMENT R
4721502084	B336BK1408	OPTIPAC 60G REFOBACIN PLUS BONE CEMENT
4720502083	A349AJ2205	OPTIPAC 40 REFOBACIN PLUS BONE CEMENT
4710500394	A346AJ2205	OPTIPAC 40 REFOBACIN BONE CEMENT R
4710500394	A349BJ2205	OPTIPAC 40 REFOBACIN BONE CEMENT R
4722502117	B349AL0301	OPTIPAC 80 REFOBACIN PLUS BONE CEMENT
4730501163-1	235CA07540	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4711500396	A352AK1408	OPTIPAC 60 REFOBACIN BONE CEMENT R
4730501163	211AAJ2205	OPTIPAC REFOBACIN REVISION 40
4710500394-1	233BA16970	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4732501165	341CAL0301	OPTIPAC REFOBACIN REVISION 80
4722502117	B343BL0301	OPTIPAC 80 REFOBACIN PLUS BONE CEMENT
4712500398-1	236AA18230	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394	A404AK0503	OPTIPAC 40 REFOBACIN BONE CEMENT R
4730501163-1	235CA16970	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4719502082-1	241AA14273	OPTIPAC-S KNEE REFOBACIN PLUS BONE CEMENT
4711500396	229AAK1408	OPTIPAC 60 REFOBACIN BONE CEMENT R
4710500394-1	233BA06400	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394	A404BK0503	OPTIPAC 40 REFOBACIN BONE CEMENT R
4712500398	A401AK1904	OPTIPAC 80 REFOBACIN BONE CEMENT R
4711500396	A404CK1408	OPTIPAC 60 REFOBACIN BONE CEMENT R



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Reference	Batch	Product Name
4711500396-1	217AA15765	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	217BA18235	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	236CA15065	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	217BA15765	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398-1	238AA17610	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4722502117	A329AL0301	OPTIPAC 80 REFOBACIN PLUS BONE CEMENT
4740500394	0000544885	OPTIPAC HIPSET
4712500398	A408BA2401	OPTIPAC 80 REFOBACIN BONE CEMENT R
4711500396	A352AB1301	OPTIPAC 60 REFOBACIN BONE CEMENT R
4711500396	A404CB1301	OPTIPAC 60 REFOBACIN BONE CEMENT R
4720502083-1	233AB14460	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4710500394-1	237BA07550	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394	A404BA2401	OPTIPAC 40 REFOBACIN BONE CEMENT R
4711500396-1	217BA16975	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4740500394	0000910010	OPTIPAC HIPSET
4710500394	A351AK0503	OPTIPAC 40 REFOBACIN BONE CEMENT R
4711500396-1	236CA18235	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4720502083-1	233AB06570	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4711500396-1	236CA21375	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4740500394-1	0000885769	OPTIPAC SOFTPAC HIPSET
4730501163	410AAB1302	OPTIPAC REFOBACIN REVISION 40
4711500396-1	217AA07545	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398	A411AB1302	OPTIPAC 80 REFOBACIN BONE CEMENT R
4710500394-1	239AA22320	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	237BA21960	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	234BA15790	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4721502084-1	A412C21375	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4711500396-1	217BA07555	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4732501165-1	237AA14278	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4710500394-1	239AA07550	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4730501163	410AAK0503	OPTIPAC REFOBACIN REVISION 40
4710500394-1	243CA14460	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396	A410BC1301	OPTIPAC 60 REFOBACIN BONE CEMENT R
4710500394-1	237BA17620	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	217BA07545	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4722502117-1	241BA14188	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4721502084	B342AB1301	OPTIPAC 60G REFOBACIN PLUS BONE CEMENT
4712500398-1	236BA22320	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4711500396-1	234AA07565	OPTIPAC-S 60 REFOBACIN BONE CEMENT R



Reference	Batch	Product Name
4720502083-1	233AB16970	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4712500398-1	236BA15790	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4711500396-1	217BA13475	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398-1	236BA14270	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A217A21960	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4720502083	A409BK1904	OPTIPAC 40 REFOBACIN PLUS BONE CEMENT
4710500394	A407BK1904	OPTIPAC 40 REFOBACIN BONE CEMENT R
4720502083-1	233CA15060	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4710500394-1	A239A21960	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4712500398-1	238BA21370	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4740500394-1	0000926853	OPTIPAC SOFTPAC HIPSET
4732501165-1	237AA14188	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4710500394-1	244AA21380	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	244AA21960	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4730501163-1	235CA07550	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4710500394-1	243CA17620	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	234BA07550	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	234AA22315	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4709500392-1	239AB14273	OPTIPAC-S KNEE REFOBACIN BONE CEMENT R
4710500394-1	239AA17610	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396	A412BB1301	OPTIPAC 60 REFOBACIN BONE CEMENT R
4719502082	A305AJ3103	OPTIPAC KNEE REFOBACIN PLUS BONE CEMENT
4710500394	A412AB1302	OPTIPAC 40 REFOBACIN BONE CEMENT R
4711500396-1	243BA21805	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4730501163-1	235CA03910	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4710500394-1	A217A04840	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4720502083-1	233CA03910	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4711500396	A412BC1301	OPTIPAC 60 REFOBACIN BONE CEMENT R
4721502084	B345AC1301	OPTIPAC 60G REFOBACIN PLUS BONE CEMENT
4711500396-1	A421A22325	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398-1	236AA04840	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A420A03900	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A421A03715	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4709500392	A344AJ3103	OPTIPAC KNEE REFOBACIN BONE CEMENT R
4710500394-1	A422A04840	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4740500394-1	0000943815	OPTIPAC SOFTPAC HIPSET
4710500394-1	243CA03910	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4720502083-1	233CA04840	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4710500394-1	A239A03910	OPTIPAC-S 40 REFOBACIN BONE CEMENT R



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Reference	Batch	Product Name
4730501163-1	237AB05900	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4712500398-1	236BA18090	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4722502117-1	241BA03728	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4710500394-1	A420A04830	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	A420A18090	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	A239A04830	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4720502083-1	233DA05900	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4721502084-1	A412C22325	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4721502084-1	A429B03715	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4721502084-1	A429B04835	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4711500396-1	A433A03915	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A433A17615	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	A422A04830	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A433A03905	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	A239A05900	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A427A03725	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398-1	A420B06370	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A420B04840	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4711500396-1	A427A03255	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398	A419AA2804	OPTIPAC 80 REFOBACIN BONE CEMENT R
4712500398-1	A435B18090	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A435B06370	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4740500394-1	0000957203	OPTIPAC SOFTPAC HIPSET
4710500394-1	A422A06360	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4712500398-1	238BA07520	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A435B08860	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A431A10810	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	A431A07520	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4720502083-1	B429B10810	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4719502082-1	A445B14463	OPTIPAC-S KNEE REFOBACIN PLUS BONE CEMENT
4709500392-1	A444B14463	OPTIPAC-S KNEE REFOBACIN BONE CEMENT R
4730501163-1	245AA04830	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4720502083-1	B429B11020	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4722502117-1	B445B05918	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4712500398-1	A441A08850	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A441A08860	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4720502083-1	C445B04830	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4732501165-1	A440A18098	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4740500394-1	0000968691	OPTIPAC SOFTPAC HIPSET



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Reference	Batch	Product Name
4711500396-1	A448A04835	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A448A03915	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A448A05915	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4720502083-1	B429B08850	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4740500394-1	0000978285	OPTIPAC SOFTPAC HIPSET
4712500398-1	A441B08850	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A441B05910	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4711500396-1	A448A03715	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4722502117-1	A415A05918	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4712500398-1	A441B11020	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4730501163-1	C410A06360	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4730501163-1	C410A08860	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4712500398-1	B502A11940	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A412A11940	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4712500398-1	A441B11940	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	B444B08850	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4730501163-1	C410A18230	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4711500396-1	A448A06365	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4721502084-1	B415A06365	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4712500398-1	B502A11110	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A504A11110	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4721502084-1	B345A05915	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4720502083-1	A409B11940	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4709500392-1	A444B07513	OPTIPAC-S KNEE REFOBACIN BONE CEMENT R
4719502082-1	A445B07513	OPTIPAC-S KNEE REFOBACIN PLUS BONE CEMENT
4732501165-1	A440A05918	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4711500396-1	A502A05915	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A502A05905	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4720502083-1	C445B11940	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4720502083-1	C445B17150	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4712500398-1	A504A11940	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4720502083-1	A409B17150	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4712500398-1	A504A17150	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4720502083-1	C445B18700	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4722502117-1	A415A18098	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4720502083-1	A413A17780	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4730501163-1	C410A17780	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4730501163-1	C410A17770	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4720502083-1	A413A18700	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT



Reference	Batch	Product Name
4719502082-1	A445B0751A	OPTIPAC-S KNEE REFOBACIN PLUS BONE CEMNT
4711500396-1	A421A07515	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	B444B18700	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4740500394-1	0001027801	OPTIPAC SOFTPAC HIPSET
4721502084-1	B413A05905	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4722502117-1	A415A17148	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4732501165-1	A440A17148	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4740500394-1	0001031845	OPTIPAC SOFTPAC HIPSET
4711500396-1	A521A07515	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A502A22325	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4709500392-1	A444B0751A	OPTIPAC-S KNEE REFOBACIN BONE CEMENT R
4712500398-1	A522A18700	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	B444B17780	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A521A07525	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4722502117-1	C521B17148	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4722502117-1	C521B05918	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4740500394-1	0001035362	OPTIPAC SOFTPAC HIPSET
4720502083-1	A521B17780	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4712500398-1	A522A17780	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4721502084-1	B413A11025	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4710500394-1	A524A17770	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4712500398-1	A522A17770	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A526A17770	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A526A02130	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4721502084-1	B415A07515	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4721502084-1	C415A07515	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4710500394-1	A524A18710	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A521A08865	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A524B11115	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4740500394-1	0001047530	OPTIPAC SOFTPAC HIPSET
4732501165-1	A440A0591A	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4722502117-1	A415A18718	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4720502083-1	A521B04770	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4730501163-1	A523B02130	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4712500398-1	A526A17150	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A526B03520	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	A524A04770	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4732501165-1	A532B03528	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4719502082-1	B521B18713	OPTIPAC-S KNEE REFOBACIN PLUS BONE CEMNT



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Reference	Batch	Product Name
4712500398-1	A522A04770	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A526A17780	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4711500396-1	A524B11025	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A524B10815	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4722502117-1	C521B03528	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4709500392-1	A539A18713	OPTIPAC-S KNEE REFOBACIN BONE CEMENT R
4720502083-1	B537B04770	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4720502083-1	B537B04870	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4712500398-1	A537A05460	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A537A17140	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4720502083-1	B537B05460	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4721502084-1	C415A06375	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4722502117-1	A537C05478	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4711500396-1	A538B07515	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	A526B17770	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A538B07525	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A538B11025	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4732501165-1	A532B05478	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4711500396-1	A538B08865	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4730501163-1	A523B04870	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4710500394-1	A526B18710	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A538B03715	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	B539A06375	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398-1	A537A05470	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A540A04870	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A540B10815	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	A541B08070	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4732501165-1	A532B0547A	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4722502117-1	A537C10018	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4710500394-1	A540A05470	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4740500394-1	0001059985	OPTIPAC SOFTPAC HIPSET
4711500396-1	A540B03255	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4720502083-1	B537B10010	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4719502082-1	A537B18713	OPTIPAC-S KNEE REFOBACIN PLUS BONE CEMENT
4710500394-1	A541B10010	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A540B17145	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398-1	A549B10010	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A549B08700	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A534A04870	OPTIPAC-S 40 REFOBACIN BONE CEMENT R



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Reference	Batch	Product Name
4710500394-1	A534A04770	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	A534A17770	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4710500394-1	A541B29010	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4720502083-1	A544B05460	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4712500398-1	A549B29010	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4732501165-1	A547A10018	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4711500396-1	A548C08705	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A540B08715	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A538B08715	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4720502083-1	B537B29010	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4720502083-1	A544B08720	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4730501163-1	A523B08720	OPTIPAC SOFTPAC REFOBACIN REVISION 40
4712500398-1	A603B09940	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4720502083-1	B537B08720	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4711500396-1	A601C09945	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	A551B08710	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4709500392-1	A539A10453	OPTIPAC-S KNEE REFOBACIN BONE CEMENT R
4711500396-1	A548C10465	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4722502117-1	A537C29018	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4740500394-1	0000115896	OPTIPAC SOFTPAC HIPSET
4712500398-1	A604A11370	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4732501165-1	A547A29018	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4710500394-1	A551B10460	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4720502083-1	A544B10460	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4711500396-1	A601C11335	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398-1	A603B11370	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A601A11330	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4720502083-1	B602C11330	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4712500398-1	A604A11470	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4732501165-1	A532B10458	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4732501165-1	A547A10458	OPTIPAC SOFTPAC REFOBACIN REVISION 80
4712500398-1	A608B11450	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A608B11470	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4711500396-1	B539A11375	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A548C11375	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4721502084-1	A602C11455	OPTIPAC-S 60G REFOBACIN PLUS BONE CEMENT
4710500394-1	A601A10460	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A548C11455	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4712500398-1	A611B11460	OPTIPAC-S 80 REFOBACIN BONE CEMENT R



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Reference	Batch	Product Name
4709500392-1	A444B10453	OPTIPAC-S KNEE REFOBACIN BONE CEMENT R
4722502117-1	A537C10458	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4720502083-1	B602C11480	OPTIPAC-S 40 REFOBACIN PLUS BONE CEMENT
4740500394-1	0001110900	OPTIPAC SOFTPAC HIPSET
4711500396-1	A548C11465	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A601C11485	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4709500392-1	A539A1045A	OPTIPAC-S KNEE REFOBACIN BONE CEMENT R
4712500398-1	A612A00350	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4710500394-1	A609B00330	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A610A11465	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4711500396-1	A610A11485	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	A609B11480	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A612B00335	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	A551B11480	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4711500396-1	A612B00345	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4710500394-1	A610B00340	OPTIPAC-S 40 REFOBACIN BONE CEMENT R
4740500394-1	0001116630	OPTIPAC SOFTPAC HIPSET
4722502117-1	A537C00328	OPTIPAC-S 80 REFOBACIN PLUS BONE CEMENT
4712500398-1	A610C01200	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4712500398-1	A612C01210	OPTIPAC-S 80 REFOBACIN BONE CEMENT R
4711500396-1	A613A00325	OPTIPAC-S 60 REFOBACIN BONE CEMENT R
4740500394-1	0001119980	OPTIPAC SOFTPAC HIPSET
4712500398-1	A610C01510	OPTIPAC-S 80 REFOBACIN BONE CEMENT R