



1. Why is Saskatchewan using Lentocilin S 1200?

- Health Canada has authorized the use of Lentocilin S 1200 as a temporary substitute for Bicillin L-A in response to the national shortage of Bicillin L-A.

2. Is this a permanent change for Saskatchewan using Lentocilin S 1200?

- This is a temporary substitution to address the shortage of Bicillin L-A in Canada.
- It is unknown how long the shortage will last.

3. What is the vial selection for 2.4 million I.U. dose for treatment of Syphilis?

- Lentocilin S powder comes in a clear glass vial and is co-packaged with 1.5% lidocaine hydrochloride diluent in an amber glass ampule.

Vial	Diluent Volume for Reconstitution	Dose volume for a 2 400 000 I.U. dose
Use 2 vials	4 mL diluent into each vial	Draw up entire volume from each vial

4. How do we order Lentocilin S 1200?

- Order Lentocilin S 1200 from your local public health office, the same way you would Bicillin L-A.
- Lentocilin S 1200 will be substituted when Bicillin is not available.

5. How do we reconstitute Lentocilin S 1200?

- Draw up lidocaine with an 18-gauge **filtered needle** in a syringe. Dispose of the 18 -gauge filter needle tip.
- Attach an 18-gauge **blunt** needle tip to the syringe.
- Reconstitute by injecting lidocaine onto the side of the vial. **Do not** inject directly into the powder.
- Remove needle and syringe from vial and rotate the vial tightly between the hands for 60 seconds.
- Withdraw all contents using same 18-gauge blunt needle and syringe.
- Dispose of the 18-gauge blunt needle tip.
- Attach an 18-gauge **safety** needle for administration.
 - A wider-bore needle allows consistent flow of the thick solution, reducing force required to inject.
- Once medication is reconstituted and drawn up, administer entire contents **immediately**.

6. How do we administer?

- Lentocilin S 1200 will have **2 vials** for a total dose of 2 400 000 I.U.
- Administer as **deep intramuscular** (IM) injections to either dorsogluteal or ventrogluteal sites.
 - Rotate sites, if necessary if 2 or 3 weekly injections are required.
- Avoid** the deltoid. The deltoid is **not** considered a deep IM site and maximum volume is only 2mL.
- Aspirate** before injecting the suspension to avoid intravenous, intraarterial or blood vessels. Observe for blood entering the syringe.
- Consider using the Z-track technique to prevent leakage when needle tip is removed.
- Use a **slow constant flow rate** to prevent needle blockage.
- Each injection can be given simultaneously by 2 providers or by 2 injections by same provider.

7. What is the stability and storage?

- Store and transport at ambient temperature 8 to 25 degrees Celsius.
- DO NOT freeze.
- Protect from light and moisture.
- Once medication is reconstituted and drawn up, administer entire contents **immediately**.
- If frozen, report temperature excursion to the Ministry of Health before wasting product. Use the [Cold Chain Break Report Form](#).
- For wasted product, please complete the [Product Wastage Report Form](#).



8. What are the allergy alerts?

- Lentocilin contains penicillin, therefore assess for allergy and consult de-labelling tool ([First Line App](#)).
- Lentocilin contains lecithin (soy phospholipid) therefore assess for a soyabean allergy.
- Diluent contains lidocaine hydrochloride, assess for allergy to local anesthetics of amide type.
 - Local Anesthetic System Toxicity (LAST): Lidocaine maximum dose is quoted as 5mg/kg (without epinephrine). No concerns when client weights more than 30 kg. There are no hepatic and cardiac concerns when given as single dose. Refer to product monograph.



9. What if the client is allergic to Lentocilin diluent (lidocaine) ingredient?

- As per the manufacturer, sterile water for injection can be used to reconstitute Lentocilin.
 - The injection(s) will be more painful, support client accordingly.
 - Sterile water for injection is **not** provided by Public Health.

10. What if the client is allergic to other Lentocilin ingredients (for example, soy)?

- A limited supply of Bicillin will be held in reserve to support clients with medical contraindication to Lentocilin.
 - Contact your local public health office to access.
- Pregnancy is **not a medical contraindication** for Lentocilin S 1200 use.

11. Where do we report an adverse reaction?

- Providers can report any serious or unexpected side effects to Health Canada:
 - Submit the Side Effect Reporting Form or report by phone: 1-866-234-2345
 - Website: [Side Effect Reporting Form - Canada.ca](#)
 - Direct link to form: [Side Effect Reporting Form](#)



12. What is the Lentocilin S 1200 timing between weekly doses?

- 7 days, same as Bicillin L-A. Consult local Medical Health Officer (MHO) or Infectious Disease (ID) physician, if necessary.

13. If Bicillin L-A was previously given for a series can subsequent dose(s) be Lentocilin?

- Yes, the product is interchangeable regardless of which medication is used first.

14. Where do we document Lentocilin S 1200 given to clients?

- Indicate Lentocilin and dose on the Syphilis Confidential Notification form, as “Other” under the Treatment section. Form found here: [Manuals Communicable Disease Control Manual](#)

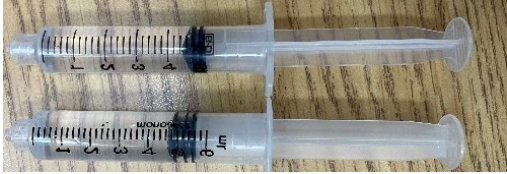




15. Where do we find additional Lentocilin S information?

- Lentocilin S 1200, refer to: [Portuguese Lentocilin Product](#)



Table 1: Ancillary Supply List:

Item Description	SHA AIMS SKU number	Qty: For one Syphilis Dose	Photo
SYRINGE 6ML LUER LOCK TIP STERILE LATEX FREE DISPOSABLE	88285	2	
NEEDLE-BLUNT FILL FILTER 18G X 1 1/2	200937	2	
NEEDLE BLUNT FILL 18G X 1 1/2"	200928	2	
NEEDLE HYPODERMIC L1.5 IN OD18 GA 1 HANDED DESIGN SAFETY ROBUST SHIELD LATEX FREE	200918	2	