LAT gel

This is an information leaflet about the LAT gel used in our paediatric emergency department in the management of wounds in children. Should you have any further questions please ask the medical team.

What is LAT gel?
LAT gel is a medication made up of three drugs called lignocaine, adrenaline and tetracaine. It is used to numb the skin for a short period of time while stitches are put in. It eliminates pain but there may still be feelings of pressure and touch. The main advantage of LAT gel is that it allows us to avoid injecting local anaesthetic into the skin.

How is LAT gel applied?
- LAT gel will be applied by your doctor or nurse
- The gel will be applied and the wound should be covered with a dressing and left for 20-30 minutes. The procedure will be done shortly after.
- The numbing effect lasts 30-60 minutes.
- Skin that has been numbed with LAT gel will appear white.

Possible side effects
Like all medicines LAT gel can cause side effects, though they are rare.
If your child has a severe allergic reaction tell a doctor straight away.
The signs may include sudden onset of:
- Rash
- Feeling short of breath
- Feeling faint or dizzy
- Swelling of the face, lips, tongue or other parts of the body
Mild side effects include:
- Redness at the application site
- Mild burning or itching sensation at application site
- Mild allergic reactions (which may include rash or swelling)
If any of the side effects get serious, or if you notice any side effects not listed in this leaflet, please tell your doctor or nurse.