



SKIN & BEAUTY CENTER  
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## Diaper Dermatitis

Diaper dermatitis or diaper rash is an irritation of the skin covering the groin, lower stomach, upper thighs and buttocks. The term diaper rash includes a variety of disorders of the skin that occur in infants, young children and incontinent or paralyzed individuals. This condition is seen more commonly in infants and early childhood prior to 2 years of age. Diaper dermatitis usually occurs between one and two months of age and may continue until the child no longer wears diapers. Diaper dermatitis may become irritated or difficult to treat if the area becomes infected or the patient becomes allergic to one of the medications applied to the area.

Diaper dermatitis starts with irritation from prolonged contact with urine and feces. After the skin becomes red and inflamed, bacteria and yeast grow on the raw areas. This will inflame the already irritated skin, making the diaper rash worse. Antibiotic treatment for throat and ear infections can cause yeast overgrowth making diaper dermatitis worse.

The best treatment for diaper dermatitis is to prevent it from starting. This is most easily done by using absorbent disposable diapers. These do not allow urine to come into contact with the skin. Modern absorbent disposable diapers can hold large amounts of urine and keep it away from the skin. For all practical purposes these diapers only need to be changed when they become soiled with feces or they get so heavy that they are down near the child's ankles. It is the mixture of urine and feces that causes the rash.

If you plan to use reusable diapers, they must be changed each time after they become wet or every one to two hours. When using disposable diapers, it is important to prevent tape from adhering to the infant's skin. The adhesive can lead to skin break down. Contrary to popular belief, powder is not needed to keep the baby dry or to prevent diaper rash - in fact it may cause diaper rash to become inflamed particularly in the creases of the legs. Desitin (and other zinc oxide containing pastes), applied at bedtime are often helpful. This helps prevent a rash from starting if there is a nighttime bowel movement.

Keep the diaper area as dry as possible by using absorbent disposable diapers or by frequent changes of conventional diapers. Triple paste is an ointment that can be applied to the diapered area with every diaper change. A pharmacist usually makes this up by prescription. Lotrimin AF or Micatin creams can be used for diaper rash and can be purchased without a prescription. Avoid the use of Neosporin ointment, and especially avoid the medication named Lotrisone, even if given to you by your doctor (as well as most prescription cortisone containing creams). These medications can do irreversible harm if applied to the groin area of a child. Often diaper rash is worsened by infection or an allergy to a medication. Your doctor best sorts this out. If your doctor finds infection or an allergy, other medications will be prescribed.