

Ionic Silver for Hand-Foot-and-Mouth Disease

Hand-foot-and-mouth disease (HFMD) is a highly contagious viral infection that usually affects young children although adults may also get the illness. HFMD is most commonly caused by a coxsackievirus and usually lasts for 10 days [1,2].

There's no specific treatment for HFMD by the doctor. Antibiotics will not treat a virus. Ionic Silver will attack and disrupt all viruses.

Symptoms include:

- Fever
- Sore throat
- Feeling of being unwell
- Painful, red, blister-like lesions on the tongue, gums and inside of the cheeks
- A red rash, without itching but sometimes with blistering, on the palms, soles and sometimes the buttocks
- Irritability in infants and toddlers
- Loss of appetite



HFMD in 11-month-old male

Treatments for HFMD focus is on providing comfort, relieving pain, preventing dehydration, and strengthening the immune system. Ionic Silver is an immune system stimulator as it disrupts viruses [1,2].

How to use Ionic Silver or Baby Spray:

Fever - spray the outside of the ears

Sore throat - spray in the throat

Blisters on tongue, gums and inside cheeks - Ionic Silver ice cubes are very soothing

Rash on palms, soles, buttocks and anywhere on the body – spray as often as desired

Take Ionic silver

Taking Ionic Silver

Ionic Silver is very gentle and there is no fear of overdose. Ionic Silver does not need to be diluted and it can be kept in the pantry.

For a baby / toddler give 5ml of Ionic Silver four times a day or more frequently if desired – tip use a dropper or syringe (without the needle)

For a child 2-5 years old give 10ml four times a day or more frequently if desired

For a child 6-11 years old give 15ml four times a day or more frequently if desired

For children over 12 years old and adults 30ml four times a day

If the child is very miserable Ionic Silver may be drunk in place of water.

Other Helpful Therapies

Cool baths with Epsom salts for the itching
Ionic Silver ice cubes to sooth the mouth and help prevent dehydration
Cool soft foods and cool soups (no soft /soda drinks)
Rinse mouth after eating with Ionic Silver
Cool Ginger root and Rooibos teas [2]



How to Stop the Spread of HFMD

HFMD is often spread through contact with saliva, mucus, faeces and the fluid from blisters but it can also be airborne and live on household surfaces.

Vaporise Ionic Silver to help kill the airborne virus
Sanitise toys, door knobs, toilets, countertops and other common areas with Ionic Silver
Ensure frequent hand washing with soap or Ionic Silver
Avoiding close contact with people who are infected
Drinking Ionic Silver may help avoid infection

Children can continue to spread the disease for weeks, or even months, after the signs and symptoms have dissipated as the virus actively lives in faeces. Adults don't always get symptoms of HFMD but can spread it – be carriers of the disease [2].

Precautions

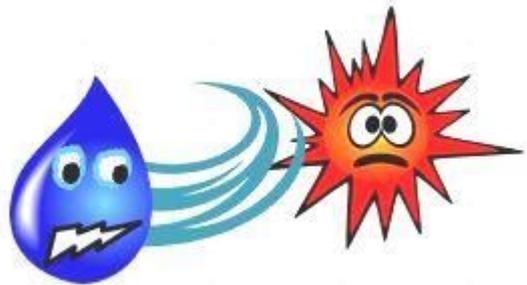
Although rare, some serious complications can occur with HFMD disease.

Dehydration – important to supply cool fluids throughout the day
Fingernail and toenail loss. This is often temporary with nails growing back over the next month.
Viral meningitis. This rare, but serious condition affects the tissue that covers the brain and spinal cord. Symptoms include headache, fever, vomiting, neck stiffness and joint pains, drowsiness (excessive sleepiness) or confusion, photophobia (discomfort on looking at bright lights). See a doctor immediately

Encephalitis. This extremely rare disease is life-threatening. Symptoms can mimic the flu. If there are any signs of seizures, paralysis, loss of speech, body stiffness, loss of consciousness, or bulging in the soft spots of the skull of infants, seek emergency medical attention immediately [1,2]

How does Ionic Silver Work?

Bacteria and viruses have an electrical charge or electrical energy which is used to sustain life. Positively charged Silver Ions effectively disrupt the microbes' abilities to conduct electricity which makes it unable to replicate and so it collapses and dies [3].



References

[1] 'Viral meningitis - including symptoms, treatment and prevention'. SA Health. Available: <https://www.sahealth.sa.gov.au/wps/wcm/connect/public+content/sa+health+internet/health+topics/health+conditions+prevention+and+treatment/infectious+diseases/viral+meningitis/viral+meningitis+-+including+symptoms+treatment+and+prevention> [Accessed on 01/08/2018]

[2] Dr. Axe: 'What Is Hand, Foot and Mouth Disease?' Available: <https://draxe.com/hand-foot-and-mouth-disease/> [Accessed on 01/08/2018]

[3] Abbas Abbaszadegan et al: 'The Effect of Charge at the Surface of Silver Nanoparticles on Antimicrobial Activity against Gram-Positive and Gram-Negative Bacteria: A Preliminary Study' Journal of Nanomaterials: Volume 2015 (2015), Article ID 720654 Available: <http://dx.doi.org/10.1155/2015/720654> [Accessed on 08/12/2017]

Images

DJ. Midgley: 'Lesions caused by the Hand, Foot and Mouth Virus on a 11 month old male'. May 2008 Available: https://commons.wikimedia.org/wiki/File:Hand_Foot_Mouth_Disease.png [Accessed on 01/08/2018]

KlatschmohnAcker: 'Lesions caused by the Hand, Foot and Mouth Virus on a 36 year old male'. Available: https://commons.wikimedia.org/wiki/File:Hand_Foot_Mouth_Disease_Adult_36Years.jpg [Accessed on 01/08/2018]

Sharon George: 'Ionic Silver attacking viruses'