

Potato chip external application prevention and treatment

Observation on the effect of swelling and induration after vaccination

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Abstract: MeshTo investigate the effect of potato slices on the prevention and treatment of redness and induration after vaccination.

Smokefetch400Children's preventive effect view of vaccinationThe object, randomly divided into control group and Prevention group200Cases, the control group was not treated with anyPre -After inoculation, fresh potato slices were inoculated.After vaccinationredness and swellingHardThe affected species of the knot120Example for therapeutic efficacy Observation Object, withmachine divided into two groups, governingtherapy1Group60Routine hot and humid compress, treatmentTherapy2Group60Give fresh potatoes For exampleTopical treatment.[knotFruit] prevent therapeutic observation, prevent group redness and swelling rate as0.5%RightAccording to the group2.0%, the therapeutic effect of the observation of the,treatment Therapy2Group after treatment1d、3d、7DThe cure rate of redness was61.7%、85.0%And93.3%,MingSignificantly higher than treatment1Group (18.3%、51.7%And80.0%) ,The difference is statistically significant. (PThe0.05). [KnotOn]OutsidePotato chips (HorseBell Potato) Effectively reduces the incidence of induration in the injection site,At the same time, the formation of swelling and induration has a high cure rate.

Keywords: thenseed Vaccines; DirtBean Patch External; Pre -Anti -; RedSwelling

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The general reaction occurs after vaccination with redness and swelling、The highest proportion of induration,

Account for suspectedPre -Anti-vaccination abnormalShould (aeFI) Total of41.53% [1] .RedSwollen、Hardknot-causing painpain、Crying makenoise、Scratchgrab parents and children withtothe out [2] .Current,induration swelling atinjection site,Probedmain takehotapplycure、Fromline fadeand so on,Buteffects are often unsatisfactory,AlloweasyCreateTwo times pain.So,Our hospital activelyopen theshow potato slices topical inoculationof the epidemic Miaoaftercauseredswollen、Induration,Getgoodeffecton treatment and preventionFruit.The report is as follows.

1. Information and methods

1.1 A-like capital material①SelectOptional2014Years4Month—2015Years4Month

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Huangpu District Red Cross Hospital.

Children who are vaccinated in the preventive health care section of our hospital 400 Example is Preventive effect Observation To the image, Its The male 209 Cases, Woman 191 Cases, Years Age 3 Months~36 Month, Randomly divided into control Group and prevention group each 200 Cases. Two groups in a induration diameter、Red Swollen area、Years Age distribution、Of Don't wait. More, Differences without Statistical significance ($P>0.05$) . Ii Select the option 2014 Years 4 Month—2015 Years 4 Month In the I hospital Pre Anti Security Section enter line b19> plague Miao Connect species and redness、A child with a induration 120 Case study of Curative effect The object, Red Swollen diameter over 2.5cm. One of the men 63 Cases, Woman 57 Cases, Age 3 Month~36 months old, Randomly divided into two Group, Governance Therapy 1 Group 60 Example given often Temperature regulation, Governance Therapy 2 Group 60 Treatment of fresh potato slices with external application. Two groups in a induration diameter、Red Swollen area、Years Age distribution、Of Don't wait. More, No statistically significant difference ($P>0.05$) .

1.2 Method

General Care 2015 Years 12 Month The 13 Volume The 36 Period (total The 381 Period)

1.2.1 Methods of prevention and intervention The control group inoculated children without any Intervention; Pre -Anti-group with dirt bean slice External Application Method, Wash the fresh potatoes clean Skin, And then cut into thick 1.5mm~3mm, Surface Product 5cmx5cm Size The Thin, Reset Dirt Beans Thin movie on note shoot Bit, And Bind play "" Band Solid Set, To prevent potato slices from being injected with the bit, min 1 Times, Every Day Repeat apply 3 Times, Continuous 2d.

1.2.2 Therapeutic interventions Treatment 1 The method of applying damp heat to the group, in redness and swelling、Place a warm damp towel on the induration site ($38^{\circ}\text{C}\sim 40^{\circ}\text{C}$) and hot water Bag ($40^{\circ}\text{C}\sim 45^{\circ}\text{C}$) , every Times 15 Min, every Day heavy re 3 Times, Even Continued application to redness and swelling、Hard Knot dissipation; Governance Therapy 2 The group uses potato chips External Application Method, Wash the fresh potatoes clean, Peel and cut into thick 1.5mm~3mm, Surface Product 5cmx5cm The size of the sheet, Original For hot and humid Surface Product slightly larger than redness、Induration Area. will be inflamed、Induration site Processing to clear Jie Hou, Cover potato slices and fixed with elastic bandages, Every Times 20 Min, Repeat daily 4 Times, Continuous external application until swelling and induration disappear.

1.3 Criteria for the determination of curative effect ① Preventive effect Observation, Full observations and records record two groups of swollen locally、Induration situation, Observation time 1d~3d. View

Observing standards: Inoculation Whether the area appears redness and induration. Ii Treatment Effect Observation, Treatment time 1d~7d. Treatment 1d、3d、7d After Measuring hard Knot size, Observation Skin skin play sex and no good anti Should, View Observe the healing Effect. Pro Bed Cure: Induration、Redness and disappearance, No pressure pain, Local muscle shells Sexual recovery Good; Explicitly Effect: Hard Knot、Red Swollen face product Ming show minus Less, Reducing Less to original face product 40% and the following、The contact is softer than before.; Invalid: Induration、Red Swollen area Reduced no significant change, or slow down.

1.4 Statistical analysis Data used SPSS 19.0 For statistical Split Analysis, Count Number capital material should with x Check enter line more than, Check Check superscript $\alpha=0.05$, Statistically significant for the difference.

2. Results

Table 1 Comparison of two groups of induration occurred in the prevention of curative effect Cases (%)

Group Example no induration induration Control group 200 192 (96.0) 8 (4.0)

3. Discuss

Vaccination is an effective way to prevent many infectious diseases in clinic. Method, Babies and children. A variety of immunization programmes are required according to national regulations. Seedlings. Vaccination significantly reduced hepatitis B, Hundred Day cough, White Throat, Broken Injury Wind. The incidence of a variety of diseases, Yes. Effect increases the overall health of children's water Flat. Mostly intramuscular injection, Most Common adverse reactions are To Pain in the plant area, Red Swelling and induration Itch. Current, In Our Hospital With type door diagnosis vaccination to prevent redness and swelling reaction frequency is higher, High occurs Rate requires more effective treatment. Current, Right injection Site Red Swelling and induration, PHot compress treatment is mainly adopted in the bed, from Line fades, etc., However, the effect The fruit is often not satisfied, Easy to inflict two times of pain.

The swelling and induration of drug injection site is more common in clinical nursing, More with drugs Thorn Excited, Difficult To suck accept drug things to points etc. b19> Vegetarian has Off. And Chinese Medicine believes that qi stagnation and blood stasis is likely to lead to swelling of the site and hard The important reason of knot. Traditional Chinese Medicine believes, Soil beans in Clinical therapy With has multiple effects, Fiber Dimension Delicate, Outside To poison with a loose scar, Make Vascular soft Of; With When, Horse Bell potato with have small amount long kwai alkali Of, With Extinction Inflammatory, Kill Bacteria effect Fruit; Other Outside, Also can block stop blood tube tight Zhang Vegetarian I To blood tube tight Zhang Vegetarian II

(AnG ii) Turn Of, Shu Zhang Week blood Tube, Yes Benefits on suction Accept waterswollen [3,4].

So, Fresh without mildew, Potato chips with long buds Pain, Extinction Swollen, Solution The role of Poison, and the economy, Convenient. Continuous external application promotes muscle Meat Fiber Restore effect Explicitly, Hard Knot, Red Department bit per time after external application feel comfortable Adequate, Hurt Pain Ming Show minus Light, Hard Knot Bureau limit Speed degree Fast; With When, New Fresh no mildew Change, The potato chips with long buds are very rich in starch, Solanum nigrum Alkali and cholesterol alkane derivative

Eggplant and alkali, can intervene in the body's carbon-water combination, protein and grease fatty new Chen metabolism, Local compress and speed up blood flow pass, Aids Culture Bureau Department group Fabric, Enhancing absorption of local medicine Objects, to achieve the work of dispersing and swelling effect [5].

The research uses the potato slice to inject the vaccine injection site, Knot Fruit Shown, Early use of soil Bean Slice topical therapy can effectively prevent local swelling and hard Knot formation; While, Right in the form of redness caused by vaccination Hard Knot, Effect of treating swelling and dispersing with potato slices with external application, and does not appear poison Vice Should, Early availability in swelling and induration reactions, quickly drop Low child's The feeling of searing and aching, Slow down the formation of induration. also gives Protect The work brings great convenience, It is recommended that clinical nursing staff in infants and children Children vaccinated, Potato chips should be used locally as early as possible to prevent hard Formation of knots, and Once the swelling is found, Hard Knot, More Should be used as early as possible Methods to reduce the pain of children vaccinated early.

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