

Immune globulin ñan Measles Elikin-Epāāke Prophylaxis

Immune globulin post-exposure prophylaxis (IG PEP) ejjab aikuj jermal ñan kantūrol an diwoj measles, ak ijeḷakin ñan kadiklok kauwōtata ñan nañinmej im aepokpok ko ilo jōt armej ro remojno. Rijeḷbal in ājmour ro rej aikuj leḷok measles PEP ko rekka ilo aer jermal ipān rā ko an ājmour ilo jukjukin pād ak state eo.

Ta in elikin-epāāke ñan measles?

Post-exposure prophylaxis (PEP) ñan measles, ien eo ej etal elikin iien epāāke measles kein kajuon, eḡaroñ leḷok kōjbarok nae mesales ak kadiklok kauwōtata in nañinmej ibwiljin eloñ armej ro reḡaroñ nañinmej.

Ewōr ruo taib in PEP ñan measles:

1. MMR wā, eḷaṇe ej kōmman **ilowaan 72 awa** ko elikin epāāke measles kein kajuon (eo ej rojāñ)¹
2. Immune globulin (IG), eo ej bar nae etan immunoglobulin, eḷaṇe ej kōmman **ilowaan 6 raan** jen ien epāāke measles eo kein kajuon, eo ekkā an kakwon ñan jōt armej ro remojno.

Ta in immune globulin?

Immune globulin (IG) ej juon wūno eo ewōr antibodies ie jen bōtōktōk in armej. IG ej etal ṁōkta ñan armej ro reka epāāke measles keej ko im rejjab ṁaroñ bōk measles, mumps, and rubella (MMR) wā im eḡoj aer epāāke measles. Armej ro rejjab ṁaroñ bōk MMR wā rej:

- niñniñ ro rediklok jen 6 allōñ dettan
- kōrā bōrōro ro (jokdoon kōrā ro rej kaninnin reḡaroñ bōk MMR)
- armej ro elap an mojno enbwinnier ak armej ro ewōr aer bar jekjek in ājmour ko rej jelōt an wā

IG PEP ejjab aikuj jermal ñan kantūrol an measles diwojlok, ak ijeḷakin ñan kadiklok kauwōtata ñan nañinmej im aepokpok ko ilo jōt armej ro elap aer mojno. IG ekkā an etal ṁōkta ñan ajri ro ediklok jen 12 allōñ dettan im rejjab bōbrae jen measles, kōrā bōrōro ro ejelok aer jabdewōt kain kein kamoo! in measles kōjbarok, im armej ro elap aer mojno enbwinnier im rej epāāke juon measles keej eo eḡoj an alikkar. IG eḡaroñ bar etal ñan armej ro ejelok aer kein kamoo! in kōjbarok jen measles, ak armej ro rej epāāke jikin ko reka epāāke nañinmej eo ilo an kajoor, aitok, im lukkun epāāk rej aikuj bōk ṁōkta (waanjoñak., kapijuknen, jikin lale ajri, im kilaaj ruum).

Eloñ armej rejjab ion jabdewōt elikin bōk IG, ta ko rej walok relukkun dik. IG ejjab juon wā im ej leḷok kōjbarok ilo ien-kadu nae measles eo ej pād 3-4 wiik ko. Armej ro rej bōk IG PEP im rej kōjar ñan MMR wā ko rej kottar ilo diktata 6 allōñ ṁōkta jen bōk MMR wā eo.

¹ Ñan armej ro rej kōkar ñan wā 12 allōñ ak rūttolok im rej epāāke measles, kōmman MMR wā ej eman lak jen kōjerbaḷe IG, eḷaṇe ej kōmman ilowaan 72 awa jen ien epāāke eo kein kajuon. Eḷaṇe epāāke ejjab kōmman nañinmej, wā elikin epāāke ej aikuj kōmman kōjbarok nae epāāke measles ilo an leḷok bar kōjbarok nae mumps im rubella nañinmej.

Ewi waween an IG jerbal?

IG aikuj lelok **ilowaan 6 raan jen epāāke** eo kein kajuon im ɱaroŋ lelok ainwot juon intramuscularly (IGIM) ak intravenously (IGIV).

Intramuscular Immune Globulin (IGIM)

GamaSTAN ej IGIM eo wōt ej pād ilo U.S. Ej etal ilo 2mL im 10mL joŋan wūno ko. Ej kakwōn ilo 2-8°C (36-46°F) im ewōr an jālōb mour aitokin 3 yiiō ko.

- GamaSTAN ej rojāñ ñan ajri ro ediklok aer baun jen 30kg (~66 baun ko), elaptata ñan ro iuɱwin 1 yiiō detta im rej epāāke keej ko rejjab tōprak ak rejjab kōkar ñan bōk MMR wā.
- Wā eo ej rojāñ in bōk ñan GamaSTAN ej 0.5mL/kg, jokdoon jekjek in kōjbarok eo an armej eo. Joŋan eo elaptata ej kōn 15mL.
- GamaSTAN ɱaroŋ pen ñan kōmman ñan ajri ro elaplok aer baun jen 10kg jen wōt an kōmman eloŋ wā ko rejenolok im lap-joŋan. Ejjab kakōlle ñan rūtto ro; armej ro ≥30 kg rej aikuj intravenous immunoglobulin.

Intravenous Immune Globulin (IGIV)

IGIV ej rojāñ ñan armej ro elaplok aer eddo jen 30kg (~66 baun ko).

- Wā in IG eo ej rojāñ ñan kōmman intravenously (IGIV) ilo 400 mg/kg.
- IGIV PEP is [rojāñ](#) (ilo Kajin Pälle) ñan armej ro rej pād ilo elaplok kauwōtata ñan measles im aepokpok ko, ekoba armej ro ɱojno enbwinnier im kōrā bōrōro ro ejelok aer kein kamool in measles kōjbarok im rej epāāke measles.
- Jokdoon juon joŋak eo elaplok ɱaroŋ kōmman kōn IGIV ilo an aļlok ippān IGIM, kōjberbaļe IGIV ilo ājmour ewōr an jekjek pen ko, ekoba wonāān ko relap im jerbal ko rej aikuj elaplok etale ilo jikin ko rejenolok jen rijerbal ro elap kapee! ippeir (waanjoŋak., aujpitōl).

Armej ro ilo juon jikin	PEP Taib eo ej Pād
Ilowaan 72 awa in epāāke	
Niñniñ im ajri ro rerūtto jen ≥ 6 allōñ dettan	MMR Wā
Armej ro rejjab bōrōro ak lap an ɱojno enbwinnier	MMR Wā
Ilowaan 6 raan in epāāke	
Niñniñ ro iuɱwin 6 allōñ	IGIM (MMR ejjab rojāñ)
Niñniñ im ajri ro iuɱwin 30kg	IGIM (ekkā an lelok ɱōkta ñan niñniñ ro <12 allōñ dettan im ejjab ɱaroŋ bōk MMR PEP)
Kōrā bōrōro	IGIV (MMR ejjab jerbal ilo bōrōro)
Armej ro elap an ɱojno enbwinnier	IGIV (MMR ejjab jerbal)

Waween ñan Bōk IGIM

IGIM ejjab aikuj juon jikin lelok wūno ak kōmman ilo juon aujpitōl, ak aujpitōl ko ilo jukjukin pād eṃaroñ wōr aer wā ko reṃaroñ jermal, eḷaṇe aikuj.

Mōkta jen an keej ko kwalok kajeen

1. Kōmman juon bulāān ñan IGIM, elaptata eḷaṇe ewōr jikin ko edik MMR ie. IGIM ejjab pād ilo Vaccines for Children (VFC, Wā ko ñan Ajri) būrokraaṃ. Kepāāke Centers of Disease Control and Prevention (CDC, Jikin Kantūol Nañinmej im Bōbrae) Immunizations Operations and Services Branch (IOSB, Jermal in Wā ko im Jikin Eo) būrojāāk opija ñan jipaṇ eḷaṇe aikuj. 2. Jermal ippān aujpitōl ko ilo jukjukin pād ak aujpitōl ñan lale jōte wā ko rej pād.

3. Rā ko an ājmour reṃaroñ kar bar lõmnak in bōk wā ko ñan kōjerbaḷe eḷaṇe aikuj juon ien epāāke measles ak an diwoj nañinmej eo.

Rā ko an ājmour reṃaroñ jermal ippān ri ajei ro ñan bōk IGIM.

Eloñ state rej uwaan [MMCAP Infuse](#) (ilo Kajin Pälle); state im rā ko an ājmour ilo jukjukin pād reṃaroñ wia GamaSTAN/IGIM ilo joñan eo ej bōk ilo doulul in karejar in. Ñan jinoe kōn juon MMCAP Infuse, armei ro ñan tōpar er ekkar ñan jikin ej ijin: <https://infuse-mn.gov/products/product-ordering/index.jsp> (ilo Kajin Pälle).

Elikin an keej ko kwalok kajeen

1. Jermal ippān aujpitōl ko ilo jukjukin pād ñan lale jōte wā ko rej pād.

2. Eḷaṇe aujpitōl ko ilo jukjukin pād ejabwe aer wā im ejelok bar wā ko rej pād, kepāāke MMCAP Infuse distributors or the manufacturer representative (meḷeḷe ko an rijermal ro ijin: <https://www.gamastan.com/en/hcp>) (ilo Kajin Pälle).

Mejek: Ñan an mokaj an kanne ortar ko, akkaun eo aikuj kar kōmman mōkta lok.

Waween Bōk IGIV

IGIV ekkā an pād ilo eloñ aujpitōl ko rellap im jikin ājmour ko rej pād taun. Ilo ien ko ejabwe, aujpitōl ko reṃaroñ aikuj likūt rinañinmej ro iṃaan.