

Medical Checks for Children

Medical Report Nepal Simri 2018

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Introduction

In November 2018 Medical Checks for Children (MCC) visited Simri in the south of Nepal for the first time. The MCC team checked and treated free of cost children of Simri and several surrounding villages. The medical camp was organized for five days.

The medical checks were organized in close cooperation with NGO Health for Nepal and with further assistance of the local “Simri Club” and Laxmi Prakthisan.

The village Simri is located in the south of Nepal, just outside Chitwan National Park in direction of the border with India. In Simri or surrounding villages, is no health post nor hospital. The nearest hospital is several hours away.

Technical equipment, medical supplies and toothbrushes were brought from the Netherlands by MCC team members. Most of the medication was ordered in Kathmandu

The cooperation of Health for Nepal and the other organizations existed out of the following (amongst others):

- Announcement of the medical camp in Simri and surrounding villages.
- All contacts with districts/governmental officers.
- Selection of translators/local helpers.
- Providing food, drinks and lodging of all MCC team members and part of the translators.
- Transportation of the MCC team from Sauraha to Simri and back.
- Giving all kinds of support to the MCC team during the medical camp.
- Arrangement of transportation of children from surrounding villages to Simri
- Give follow-up for the referred children (Barathpur. Kathmandu and Dhulikel).

Medical Checks for Children on location:

The medical checks were performed in five days. During the free of costs medical checks, the children were checked following the MCC carousel:

1. Registration of the child
2. Measuring height and weight
3. Blood test (haemoglobin) and urine test and/or malaria test when indicated
4. Physical examination by a medical doctor
5. Giving medication (pharmacy)
6. Education on tooth brushing (a tooth brush, soap and tooth paste was given to each child) and nutritious food.
7. Enter children's files in data base.

Special attention was given to the transfer of part of the medical carousel to the children and parents.

For assistance and for their general knowledge of the population, Anoeska and Raju were present during the medical camp, in various roles but most importantly for children with special needs or referred to the hospital or a social program. Some of the children, if needed, were allocated to the sponsor program of Health for Nepal.

Helaas heeft de stichting Health for Nepal in juli 2019 besloten om te stoppen met hun werkzaamheden in Simri Nepal. Hiermee stopt ook de samenwerking tussen MCC en Health for Nepal en zullen er geen MCC missies meer naar Simri plaatsvinden.

We vinden het erg jammer dat we nu moeten stoppen, na twee missies in dit prachtige gebied waar de kinderen de zorg en aandacht van MCC heel goed kunnen gebruiken.

We danken de Stichting Health for Nepal en alle MCC vrijwilligers die zich in Simri hebben ingezet tijdens de missies in 2017 en 2018!

Results Simri

Medical data summary mission Nepal Simri 2018

Table 1: Number of checked children per day and geographical location

Villages	28-11-18	30-11-18	01-12-18	02-12-18	03-12-18	04-12-18	06-12-18	Total
Chitrasari Sec. School	0	0	0	0	0	0	144	144
Gujara/Kankali	0	0	0	5	111	152	0	268
Islampur	0	0	0	54	0	0	0	54
Other villages Simri	0	2	19	67	1	0	0	89
Sapana School	32	0	0	0	0	0	0	32
Simari	0	127	40	7	10	1	0	185
Total	32	129	59	133	122	153	144	772

Table 2: Summary of checked children per geographical location, age and gender

Age	Total		Chitrasari Sec. School		Gujara/Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total= 268		Total= 54		Total= 89		Total= 32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
<=1 year	55	7%	0	0%	32	12%	0	0%	2	2%	3	9%	18	10%
>1 en <5 years	172	22%	23	16%	66	25%	9	17%	10	11%	15	47%	49	26%
<5 years	219	28%	27	19%	91	34%	9	17%	12	13%	18	56%	62	34%
>=5 en <=10 years	404	52%	75	52%	142	53%	41	76%	51	57%	14	44%	81	44%
>10 years	149	19%	42	29%	35	13%	4	7%	26	29%	0	0%	42	23%
Gender														
Boy	386	50%	66	46%	135	50%	30	56%	56	63%	16	50%	83	45%
Girl	383	50%	78	54%	133	50%	23	43%	33	37%	15	47%	101	55%

Table 3: Prevalence of weight/age at or under P3 (underweight) per geographical location by age and gender

	Total		Chitrasari Sec. School		Gujara/Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total= 268		Total= 54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
Underweight	123	20%	16	16%	62	27%	10	20%	9	14%	0	0%	26	18%
No underweight	500	80%	86	84%	169	73%	40	80%	56	86%	32	100%	117	82%
Unknown	149	19%	42	29%	37	14%	4	7%	24	27%	0	0%	42	23%
Underweight children per age														

<=1 year	11	20%	0	0%	8	25%	0	0%	1	50%	0	0%	2	11%
>1 en <5 years	28	16%	5	22%	16	25%	0	0%	1	10%	0	0%	6	12%
<5 years	37	17%	5	19%	22	24%	0	0%	2	17%	0	0%	8	13%
>=5 en <=10 years	86	22%	11	15%	40	29%	10	25%	7	14%	0	0%	18	23%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Underweight children per gender														
Boy	59	19%	5	11%	29	25%	7	26%	5	12%	0	0%	13	20%
Girl	63	20%	11	19%	33	29%	3	14%	4	17%	0	0%	12	16%

Table 4: Prevalence of length/age at or under P3 (stunting) per geographical location by age and gender

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total= 268		Total= 54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
Stunting	166	22%	27	19%	91	34%	4	7%	10	11%	2	6%	32	17%
No stunting	600	78%	117	81%	173	66%	50	93%	78	88%	30	94%	152	82%
Unknown	4	1%	0	0%	4	1%	0	0%	0	0%	0	0%	0	0%
Stunting children per age														
<=1 year	11	20%	0	0%	8	25%	0	0%	1	50%	0	0%	2	11%
>1 en <5 years	28	16%	5	22%	16	25%	0	0%	1	10%	0	0%	6	12%
<5 years	37	17%	5	19%	22	24%	0	0%	2	17%	0	0%	8	13%
>=5 en <=10 years	86	22%	11	15%	40	29%	10	25%	7	14%	0	0%	18	23%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Stunting children per gender														
Boy	59	19%	5	11%	29	25%	7	26%	5	12%	0	0%	13	20%
Girl	63	20%	11	19%	33	29%	3	14%	4	17%	0	0%	12	16%

Table 5: Prevalence of weight/length at or under P3 (wasting) per geographical location by age and gender

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total= 268		Total= 54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
Wasting	53	11%	7	10%	29	15%	7	24%	6	16%	0	0%	4	4%
No wasting	421	89%	62	90%	170	85%	22	76%	32	84%	31	100%	104	96%
Unknown	298	39%	75	52%	69	26%	25	46%	51	57%	1	3%	77	42%
Wasting children per age														
<=1 year	7	13%	0	0%	6	19%	0	0%	1	50%	0	0%	0	0%
>1 en <5 years	14	8%	2	9%	8	12%	3	33%	1	10%	0	0%	0	0%
<5 years	19	9%	2	7%	12	13%	3	33%	2	17%	0	0%	0	0%
>=5 en <=10 years	34	13%	5	12%	17	16%	4	21%	4	17%	0	0%	4	9%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Wasting children per gender														
Boy	59	19%	5	11%	29	25%	7	26%	5	12%	0	0%	13	20%
Girl	63	20%	11	19%	33	29%	3	14%	4	17%	0	0%	12	16%

Table 6: Prevalence of anaemia per geographical location by age and gender

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total= 268		Total= 54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
Anaemia	279	36%	42	29%	108	40%	11	20%	37	42%	8	25%	73	39%
No anaemia	487	63%	101	70%	158	59%	43	80%	51	57%	23	72%	111	60%
Unknown	5	1%	1	1%	2	1%	0	0%	1	1%	1	3%	0	0%
Hb <5,0 mmol	3	0%	0	0%	3	1%	0	0%	0	0%	0	0%	0	0%
Anemia per age														
<=1 year	26	47%	0	0%	15	47%	0	0%	1	50%	1	33%	9	50%
>1 en <5 years	56	33%	6	26%	22	33%	0	0%	5	50%	4	27%	19	39%
<5 years	77	35%	6	22%	35	38%	0	0%	6	50%	5	28%	25	40%
>=5 en <=10 years	150	37%	24	32%	61	43%	10	24%	19	37%	3	21%	33	41%
>10 years	52	35%	12	29%	12	34%	1	25%	12	46%	0	0%	15	36%
Anemia per gender														
Boy	147	38%	20	30%	56	41%	9	30%	25	45%	6	38%	31	37%
Girl	132	34%	22	28%	52	39%	2	9%	12	36%	2	13%	42	42%

Table 7: Prevalence preventive anti-worm treatment in the last half-year per geographical location by age and gender

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total= 268		Total=54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
Anti-worm	167	22%	83	58%	24	9%	0	0%	9	10%	29	91%	22	12%
No anti-worm	605	78%	61	42%	244	91%	54	100%	80	90%	3	9%	163	88%
Antiworm per age														
<=1 year	3	5%	0	0%	1	3%	0	0%	1	50%	1	33%	0	0%
>1 en <5 years	50	29%	16	70%	7	11%	0	0%	3	30%	14	93%	10	20%
<5 years	57	26%	20	74%	8	9%	0	0%	4	33%	15	83%	10	16%
>=5 en <=10 years	83	21%	43	57%	14	10%	0	0%	4	8%	14	100%	8	10%
>10 years	27	18%	20	48%	2	6%	0	0%	1	4%	0	0%	4	10%

Table 8: Child with care taker at the day of the check?

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total=268		Total= 54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
No	57	7%	53	37%	0	0%	0	0%	2	2%	0	0%	2	1%
Yes	628	81%	91	63%	267	100%	2	4%	74	83%	12	38%	182	98%
Teacher	86	11%	0	0%	1	0%	52	96%	13	15%	20	63%	0	0%

Table 9: Children checked last year?

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total=268		Total=54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
No	666	86%	142	99%	267	100%	54	100%	87	98%	32	100%	84	45%
Yes	106	14%	2	1%	1	0%	0	0%	2	2%	0	0%	101	55%

Table 10: Disease prevalence among all children per geographical location

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari		
	772		Total= 144		Total=268		Total=54		Total= 89		Total=32		Total= 185		
	N	%	n	%	n	%	n	%	n	%	n	%	n	%	
Underweight	123	16%	16	11%	62	23%	10	19%	9	10%	0	0%	26	14%	
Stunting	166	22%	27	19%	91	34%	4	7%	10	11%	2	6%	32	17%	
Wasting	53	7%	7	5%	29	11%	7	13%	6	7%	0	0%	4	2%	
Anaemia	279	36%	42	29%	108	40%	11	20%	37	42%	8	25%	73	39%	
HIV pos.	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	
AIDS	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%	
Malaria (suspected)	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	
vitamin deficit (clinical signs) syndrome n.o.s.	2	0%	0	0%	2	1%	0	0%	0	0%	0	0%	0	0%	
1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	3%	0	0%
pneumonia (clinical)	10	1%	1	1%	7	3%	0	0%	1	1%	0	0%	1	1%	
bronchitis	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	
BHR/asthma	5	1%	2	1%	3	1%	0	0%	0	0%	0	0%	0	0%	
dehydration : acute diarrhoea	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	
constipation	9	1%	3	2%	6	2%	0	0%	0	0%	0	0%	0	0%	
active worm infection	47	6%	2	1%	19	7%	4	7%	10	11%	0	0%	12	6%	
otitis media acuta	19	2%	2	1%	8	3%	0	0%	4	4%	1	3%	4	2%	
otitis media with effusion	13	2%	3	2%	5	2%	1	2%	3	3%	0	0%	1	1%	
otitis externa	13	2%	2	1%	6	2%	0	0%	2	2%	0	0%	3	2%	
tympanic perforation	3	0%	0	0%	1	0%	0	0%	1	1%	0	0%	1	1%	
mastoiditis	1	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%	
hearing impairment	4	1%	0	0%	2	1%	0	0%	1	1%	0	0%	1	1%	
other	10	1%	0	0%	2	1%	0	0%	4	4%	0	0%	4	2%	
cariës n.o.s.	127	16%	24	17%	48	18%	14	26%	13	15%	7	22%	21	11%	
pain n.o.s	18	2%	6	4%	5	2%	1	2%	4	4%	1	3%	1	1%	
fluorosis	22	3%	2	1%	13	5%	4	7%	0	0%	0	0%	3	2%	
filling temporary teeth	89	12%	26	18%	32	12%	7	13%	9	10%	1	3%	14	8%	
Teeth inspection	108	14%	16	11%	44	16%	12	22%	10	11%	4	13%	22	12%	
caries with pain	93	12%	22	15%	44	16%	7	13%	8	9%	1	3%	11	6%	
Extraction temporary teeth	32	4%	2	1%	12	4%	1	2%	6	7%	1	3%	10	5%	
Cleaning teeth	3	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	2%	
wounds n.o.s.	3	0%	0	0%	0	0%	1	2%	0	0%	0	0%	2	1%	
eczema n.o.s.	24	3%	1	1%	9	3%	1	2%	2	2%	0	0%	11	6%	
dermatomycosis	27	3%	1	1%	13	5%	1	2%	1	1%	2	6%	9	5%	
Impetigo/furuncul osis	12	2%	2	1%	5	2%	0	0%	0	0%	0	0%	5	3%	
lice	30	4%	4	3%	17	6%	1	2%	7	8%	0	0%	1	1%	
scabies	23	3%	2	1%	9	3%	1	2%	2	2%	0	0%	9	5%	
wounds infected,	5	1%	2	1%	2	1%	0	0%	1	1%	0	0%	0	0%	
other (psoriasis)	25	3%	3	2%	18	7%	0	0%	2	2%	1	3%	1	1%	

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total=268		Total=54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
etc)														
psychomotoric retardation	15	2%	0	0%	7	3%	0	0%	6	7%	1	3%	1	1%
hypertonia	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%
epilepsy	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%
spina bifida	2	0%	0	0%	2	1%	0	0%	0	0%	0	0%	0	0%
physiological murmur	7	1%	1	1%	1	0%	0	0%	0	0%	2	6%	3	2%
pathological murmur (suspected)	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%
epi/hypospadi	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%
inguinal hernia	2	0%	0	0%	2	1%	0	0%	0	0%	0	0%	0	0%
urinary infection	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%
old fracture	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%
new fracture	1	0%	0	0%	0	0%	0	0%	1	1%	0	0%	0	0%
hernia(umbilical etc)	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%

Table 11: Treatment among all children per geographical location

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total=268		Total=54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
ferro	176	23%	32	22%	49	18%	6	11%	28	31%	6	19%	55	30%
mother iron	14	2%	0	0%	6	2%	0	0%	2	2%	1	3%	5	3%
multivitamins	240	31%	34	24%	133	50%	14	26%	19	21%	3	9%	37	20%
anti-worm	503	65%	57	40%	193	72%	48	89%	66	74%	1	3%	138	75%
acute worm	51	7%	2	1%	21	8%	4	7%	10	11%	0	0%	14	8%
anti-lice	25	3%	2	1%	13	5%	2	4%	6	7%	0	0%	2	1%
anti-scabies	7	1%	2	1%	1	0%	0	0%	0	0%	0	0%	4	2%
amoxicillin	23	3%	3	2%	13	5%	0	0%	2	2%	0	0%	5	3%
2e lijns antibiotica	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%
paracetamol	5	1%	0	0%	3	1%	0	0%	2	2%	0	0%	0	0%
ORS	1	0%	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%
eardrops	23	3%	3	2%	7	3%	1	2%	5	6%	0	0%	7	4%
hydrocortisone cream	25	3%	0	0%	8	3%	2	4%	3	3%	0	0%	12	6%
dactarin cream	19	2%	1	1%	10	4%	0	0%	1	1%	1	3%	6	3%
dactacort cream	11	1%	0	0%	3	1%	1	2%	0	0%	1	3%	6	3%
fusidin cream	23	3%	3	2%	11	4%	1	2%	2	2%	0	0%	6	3%
neutral cream	24	3%	2	1%	17	6%	0	0%	2	2%	1	3%	2	1%
eyedrops	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%
itraconazole	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%

Table 12: Follow-up of all children per geographical location

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total=268		Total=54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%

	Total		Chitrasari Sec. School		Gujara/ Kankali		Islampur		Other villages Simri		Sapana School		Simari	
	772		Total= 144		Total=268		Total=54		Total= 89		Total=32		Total= 185	
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
Dentist	228	30%	42	29%	83	31%	20	37%	30	34%	6	19%	47	25%
Specialist hospital	7	1%	0	0%	1	0%	0	0%	4	4%	0	0%	2	1%
Revisit	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	1%
International organisation	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%