MEDICAL REPORT 2019

Summary

This year's free medical campaign of MCC location Kolkata region, West Bengal was the fifth medical mission, organized in mutual collaboration and with financial support of the Dutch NGO FEMI the Indian NGO Young Men's Welfare Society, led by the honourable Mr Shourabh Mukherji.

From the 3thth to 9thth of February 2019, our Medical Checks for Children (MCC) team visited for the fifth year, three locations namely Raghunathpur, Joynagar and Bhagawatipur in the West Bengal region, South of Kolkata, India, and for the second time Diksha evening school in the slums of Kolkata to conduct a medical health camp. This year a new school was added, Maulana Azad School. Maulana Azad School is located in the Muslim Topisa slum. In this slum 20.000-30.000 people live in poor circumstances.

The children we checked are attending pre-primary (nursery) and primary schools in the underprivileged rural areas in the West Bengal, District South 24 Parganas, and have limited access to medical facilities.

Children from the Diksha evening school and Maulana Azad School are selected for the school during home visits and after filling in questionnaires. Parents have to have an income of less than 5000 INR per month. Most parents work as maid, riksjadriver or sell fruit/vegetables on the market. To attend the school children have to pay a fee of 1000 INR a year.

The Dutch team of 2019 consisted of Ilse Westerbeek (pediatrician and medical mission leader), Véronique Schram, (advisor on health education and organizational mission leader), Samantha Zuidam (anthropologist), Jet Altenburg (visual artist), Sabine Wesseldijk (lawyer) Rosanne van Berkel (general practitioner), Manouk Leeflang (general practitioner), Kai Wage (pediatrician), Ilse Hellinga (pediatrician), Jan Kees De Ridder (general practicioner), Rosemarijn Groeneveld (Nurse) and Marloes vd Biggelaar (Dentist)

We checked and treated 832 children on the spot, aged between 0 and 8 years, free of cost at above mentioned locations.

The last day of the medical camp, MCC was invited to a special inauguration of a new schoolbuilding from the YMWS in collaboration with the Childrens foundation school. The evening was dedicated to humanity

and the empowerment of children by giving them knowledge. Shourabh Mukherji has laid a foundation with his organization in which thousends of vulnarable children from poor families have been given a chance to gain knowledge and strength. MCC is proud to have been part of this marvelous and inspiring organization for the past 5 years.

Please find enclosed the results of this year.

Medical data India Kolkata 2019

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

Location / Date	04-02-19	05-02-19	06-02-19	07-02-19	08-02-19	Total
BHAG	133	0	0	0	0	133
Diksha	0	0	0	0	137	137
JOY	0	0	190	0	0	190
MAU	0	0	0	92	0	92
RH	0	280	0	0	0	280
Total	**133**	**280**	**190**	**92**	**137**	**832**

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

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
Age	**N**	**%**	**n**	**%**	**n**	**%**	**n**	**%**	**n**	**%**	**n**	**%**
<=1 year	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
>1 en <5 years	403	48%	91	68%	53	39%	114	60%	13	14%	132	47%
<5 years	403	48%	91	68%	53	39%	114	60%	13	14%	132	47%
>=5 en <=10 years	429	52%	42	32%	84	61%	76	40%	79	86%	148	53%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Gender												
Boy	373	45%	85	64%	70	51%	89	47%	0	0%	129	46%
Girl	459	55%	48	36%	67	49%	101	53%	92	100%	151	54%

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

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
	N	**%**	**n**	**%**	**n**	**%**	**n**	**%**	**n**	**%**	**n**	**%**
Underweight	194	23%	16	12%	28	21%	58	31%	29	32%	63	23%
No underweight	633	77%	116	88%	106	79%	132	69%	63	68%	216	77%
Unknown	5	1%	1	1%	3	2%	0	0%	0	0%	1	0%
Underweight children per age												
<=1 year	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
>1 en <5 years	84	21%	9	10%	10	20%	40	35%	0	0%	25	19%
<5 years	84	21%	9	10%	10	20%	40	35%	0	0%	25	19%
>=5 en <=10 years	110	26%	7	17%	18	22%	18	24%	29	37%	38	26%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Underweight children per gender												
Boy	75	20%	11	13%	14	20%	25	28%	0	0%	25	20%
Girl	119	26%	5	10%	14	22%	33	33%	29	32%	38	25%

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

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
	N	%	n	%	n	%	n	%	n	%	n	%
Stunting	108	13%	6	5%	16	12%	34	18%	14	15%	38	14%
No stunting	720	87%	126	95%	119	88%	156	82%	78	85%	241	86%
Unknown	4	0%	1	1%	2	1%	0	0%	0	0%	1	0%
Stunting children per age												
<=1 year	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
>1 en <5 years	61	15%	4	4%	7	13%	29	25%	1	8%	20	15%
<5 years	61	15%	4	4%	7	13%	29	25%	1	8%	20	15%
>=5 en <=10 years	47	11%	2	5%	9	11%	5	7%	13	16%	18	12%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Stunting children per gender												
Boy	37	10%	4	5%	6	9%	16	18%	0	0%	11	9%
Girl	71	15%	2	4%	10	15%	18	18%	14	15%	27	18%

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

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
	N	%	n	%	n	%	n	%	n	%	n	%
Wasting	115	16%	15	12%	15	13%	47	26%	16	30%	22	9%
No wasting	615	84%	112	88%	104	87%	134	74%	37	70%	228	91%
Unknown	101	12%	5	4%	18	13%	9	5%	39	42%	30	11%
Wasting children per age												
<=1 year	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
>1 en <5 years	46	12%	9	10%	5	10%	26	23%	0	0%	6	5%
<5 years	46	12%	9	10%	5	10%	26	23%	0	0%	6	5%
>=5 en <=10 years	69	21%	6	16%	10	14%	21	31%	16	40%	16	13%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Wasting children per gender												
Boy	46	13%	10	12%	7	11%	19	23%	0	0%	10	9%
Girl	69	18%	5	11%	8	14%	28	29%	16	30%	12	9%

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

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
	N	%	n	%	n	%	n	%	n	%	n	%
Anaemia	321	39%	67	50%	53	39%	73	38%	29	32%	99	35%
No anaemia	464	56%	60	45%	64	47%	107	56%	60	65%	173	62%
Unknown	47	6%	6	5%	20	15%	10	5%	3	3%	8	3%
Hb <5,0 mmol	4	0%	1	1%	1	1%	1	1%	0	0%	1	0%
Anaemia per age												
<=1 year	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
>1 en <5 years	154	38%	47	52%	19	36%	41	36%	6	46%	41	31%
<5 years	154	38%	47	52%	19	36%	41	36%	6	46%	41	31%
>=5 en <=10 years	167	39%	20	48%	34	40%	32	42%	23	29%	58	39%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Anaemia per gender												
Boy	154	41%	43	51%	27	39%	37	42%	0	0%	47	36%
Girl	167	36%	24	50%	26	39%	36	36%	29	32%	52	34%

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

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
	N	%	n	%	n	%	n	%	n	%	n	%
Anti-worm	231	28%	49	37%	42	31%	57	30%	0	0%	83	30%
No anti-worm	599	72%	83	62%	95	69%	132	69%	92	100%	197	70%
Anti-worm per age												
<=1 year	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
>1 en <5 years	134	33%	31	34%	20	38%	36	32%	0	0%	47	36%
<5 years	134	33%	31	34%	20	38%	36	32%	0	0%	47	36%
>=5 en <=10 years	97	23%	18	43%	22	26%	21	28%	0	0%	36	24%
>10 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

Table 8: Prevalence dental diagnosis among all children per geographical location

	Total		BHAG		Diksha		JOY		MAU		RH	
	864		Total= 139		Total= 137		Total= 203		Total= 92		Total= 293	
	N	%	n	%	n	%	n	%	n	%	n	%
cariës n.o.s.	251	29%	38	27%	36	26%	57	28%	24	26%	96	33%
pain n.o.s	4	0%	1	1%	1	1%	0	0%	0	0%	2	1%
fluorosis	4	0%	0	0%	2	1%	0	0%	2	2%	0	0%
filling temporary teeth	10	3%	4	3%	0	0%	1	1%	0	0%	5	2%
Teeth inspection	23	3%	17	12%	0	0%	0	0%	1	1%	5	2%
caries with pain	85	10%	14	10%	21	15%	18	9%	9	10%	23	8%
Extraction temporary teeth	61	7%	13	9%	12	9%	14	7%	0	0%	22	8%
Cleaning teeth	124	14%	14	10%	19	14%	36	18%	14	15%	41	14%

Table 9: Disaese prevalence among all children per geographical location

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
	N	%	n	%	n	%	n	%	n	%	n	%
Underweight	194	23%	16	12%	28	20%	58	31%	29	32%	63	23%
Stunting	108	13%	6	5%	16	12%	34	18%	14	15%	38	14%
Wasting	115	14%	15	11%	15	11%	47	25%	16	17%	22	8%
Anaemia	321	39%	67	50%	53	39%	73	38%	29	32%	99	35%
AIDS	2	0%	2	2%	0	0%	0	0%	0	0%	0	0%
Malaria (suspected)	2	0%	2	2%	0	0%	0	0%	0	0%	0	0%
vitamin deficit (clinical signs)	17	2%	0	0%	2	1%	4	2%	5	5%	6	2%
pneumonia (clinical)	10	1%	1	1%	1	1%	1	1%	2	2%	5	2%
tuberculosis (X-ray confirmed)	1	0%	0	0%	0	0%	0	0%	1	1%	0	0%
bronchitis	4	0%	0	0%	1	1%	1	1%	0	0%	2	1%
BHR/asthma	9	1%	0	0%	2	1%	4	2%	1	1%	2	1%
gardia (suspected)	10	1%	2	2%	0	0%	2	1%	2	2%	4	1%
dehydration : chronic diarrhoea	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%
constipation	67	8%	3	2%	9	7%	18	9%	6	7%	31	11%
active worm infection	76	9%	6	5%	24	18%	18	9%	3	3%	25	9%
otitis media acuta	8	1%	1	1%	0	0%	1	1%	1	1%	5	2%

otitis media with effusion	14	2%	2	2%	1	1%	4	2%	4	4%	3	1%
mastoiditis	1	0%	0	0%	0	0%	0	0%	0	0%	1	0%
(adeno)tonsillitis	5	1%	1	1%	1	1%	2	1%	1	1%	0	0%
other	9	1%	0	0%	3	2%	5	3%	0	0%	1	0%
wounds n.o.s.	2	0%	0	0%	0	0%	2	1%	0	0%	0	0%
eczema n.o.s.	20	2%	3	2%	1	1%	7	4%	1	1%	8	3%
dermatomycosis	14	2%	3	2%	0	0%	4	2%	2	2%	5	2%
Impetigo/furunculosis	6	1%	2	2%	1	1%	1	1%	1	1%	1	0%
scabies	3	0%	0	0%	0	0%	2	1%	0	0%	1	0%
erysipelas / cellulites	1	0%	0	0%	0	0%	1	1%	0	0%	0	0%
wounds infected,	1	0%	0	0%	0	0%	0	0%	0	0%	1	0%
other (psoriasis etc)	23	3%	4	3%	1	1%	4	2%	5	5%	9	3%
epilepsy	4	0%	1	1%	1	1%	2	1%	0	0%	0	0%
migraine/headache	5	1%	0	0%	1	1%	1	1%	1	1%	2	1%
leg kramps	2	0%	0	0%	2	1%	0	0%	0	0%	0	0%
physiological murmer	11	1%	2	2%	0	0%	2	1%	0	0%	7	3%
refractory problem	5	1%	1	1%	0	0%	0	0%	2	2%	2	1%
keratoconjunctivitis	7	1%	3	2%	2	1%	1	1%	0	0%	1	0%
amblyopia	2	0%	0	0%	0	0%	1	1%	1	1%	0	0%
thyroid dysfunction (suspected)	4	0%	1	1%	1	1%	0	0%	1	1%	1	0%
cryptorchism	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%
urinary infection	6	1%	1	1%	0	0%	1	1%	2	2%	2	1%
obesitas	11	1%	1	1%	5	4%	1	1%	0	0%	4	1%
new fracture	1	0%	0	0%	0	0%	1	1%	0	0%	0	0%
hernia(umbilical etc)	3	0%	0	0%	0	0%	1	1%	0	0%	2	1%
Social diagnosis	11	1%	1	1%	1	1%	1	1%	3	3%	5	2%

Table 10: Treatment among all children per geographical location

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
	N	%	n	%	n	%	n	%	n	%	n	%
ferro	21	3%	4	3%	8	6%	4	2%	0	0%	5	2%
multivitamins	281	34%	60	45%	48	35%	64	34%	42	46%	67	24%
anti-worm	616	74%	115	86%	81	59%	126	66%	84	91%	210	75%
acute worm	79	9%	8	6%	25	18%	19	10%	2	2%	25	9%
anti-scabies	3	0%	0	0%	0	0%	2	1%	0	0%	1	0%
amoxicillin	16	2%	1	1%	2	1%	3	2%	1	1%	9	3%
augmentin	3	0%	1	1%	0	0%	1	1%	1	1%	0	0%
2e lijns antibiotica	3	0%	0	0%	1	1%	1	1%	1	1%	0	0%
metranidazol	11	1%	3	2%	0	0%	2	1%	1	1%	5	2%
co-trimoxazol	5	1%	0	0%	0	0%	1	1%	2	2%	2	1%
paracetamol	2	0%	0	0%	1	1%	0	0%	1	1%	0	0%
eardrops	1	0%	0	0%	0	0%	0	0%	0	0%	1	0%
hydrocortisone cream	12	1%	1	1%	1	1%	3	2%	1	1%	6	2%
dactarin cream	11	1%	2	2%	0	0%	5	3%	1	1%	3	1%
dactacort cream	6	1%	1	1%	0	0%	1	1%	1	1%	3	1%
fusidin cream	4	0%	2	2%	0	0%	0	0%	0	0%	2	1%
neutral cream	3	0%	0	0%	1	1%	0	0%	2	2%	0	0%
eyedrops	3	0%	1	1%	0	0%	1	1%	0	0%	1	0%

T**able 11: Follow-up of all children per geographical location**

	Total		BHAG		Diksha		JOY		MAU		RH	
	832		Total= 133		Total= 137		Total= 190		Total= 92		Total= 280	
	N	%	n	%	n	%	n	%	n	%	n	%
Dentist	211	25%	44	33%	36	26%	44	23%	17	18%	70	25%
Specialist in hospital	18	2%	5	4%	2	1%	6	3%	2	2%	3	1%
Revisit	29	3%	4	3%	5	4%	3	2%	8	9%	9	3%
Urine + Kidney function	1	0%	0	0%	0	0%	0	0%	1	1%	0	0%
Bloodtest after 3 months	3	0%	1	1%	1	1%	0	0%	0	0%	1	0%
Other…	3	0%	0	0%	0	0%	0	0%	2	2%	1	0%