



IFAKARA HEALTH INSTITUTE
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Design of PfSPZ (IV) Vaccine IHI, Bagamoyo, Tanzania

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Basic design of PfSPZ Vaccine

Group	Subjects	Dose SPZ x 10 ⁵	Total Dose SPZ x 10 ⁵	Dose Schedule (in weeks)*							Description	
				0	4	8	12	20	23	44		
1	3	0.3, 1.35, 2.7	4.35	X	X	X						Safety Group
2A	20	1.35	6.75	X	X	X	X	X	CHMI#1	CHMI#2		Standard Dose Group
2B	4	Normal Saline		X	X	X	X	X	CHMI#1	CHMI#2		Control Group 2
3A	20	2.7	13.5	X	X	X	X	X	CHMI#1	CHMI#2		High Dose Group
3B	4	Normal Saline		X	X	X	X	X	CHMI#1	CHMI#2		Control Group 3
4	6	2.7	13.5	X	X	X	X	X		CHMI#2		High Dose 6 months efficacy Group
5A	8	No Vaccination								CHMI#2		Control 2nd Challenge Group 2
5B	8	No Vaccination								CHMI#2		Control 2nd Challenge Group 3
Total	49 Vaccinees 24 Controls	} 73										

THANK YOU