



# Appropriate Technology in Health Care

## Jan Swasthya Sahyog, Chhattisgarh

Technology is necessary in health care at all levels, including prevention, diagnosis, treatment, and rehabilitation. Health related technology has developed at a rapid pace in the last few years and has influenced health significantly in urban India. However, the impact of such technology on the indices of public health has been minimal, as many of the major health problems are found in rural areas, where access to technology remains largely inaccessible. We therefore find ourselves in a situation where we have technology that is very advanced but that cannot be used by the majority of population due to its expense, inaccessibility, and inappropriateness to the realities the rural poor face.

At Jan Swasthya Sahyog, we have been working for years on developing technologies for the health needs of people living in remote areas with limited resources. We strive to ensure that these technologies are as accurate, if not more, as the prevailing ones at the same time that we keep them simple, cheap, and highly functional in low-resource rural communities. These technologies can be used by the all levels of health workers, especially the most peripheral health workers. We hope that they encourage rational diagnosis and decrease misuse of drugs.

1	H <sub>2</sub> S paper strip test	18	Naina chaleesa
2	UV light based steel drum for disinfecting water	19	Agarose gel based hemoglobin electrophoresis
3	Mangsaajhaar	20	Sputum concentration technique
4	Slide courier system	21	Oral Rehydration Solution (ORS) packets
5	Kangaroo care	22	LE and Nitrite kit
6	First aid kits	23	Spacer device
7	Hand washing station	24	Sleeping bag with a heat source
8	Teaching stethoscope	25	Mosquito bed net made of nylon
9	Haemoglobin estimation by flotation in copper sulphate Solution	26	Low-cost carbon dioxide incubator for isolating Mycobacterium Tuberculosis
10	Tablet breaker	27	Capillary centrifuge
11	Test kit for diagnosing bacterial vaginosis	28	Chuna namak
12	Easy to read thermometer	29	Dava peti
13	Inverted syringe	30	Chain link for slushy roads
14	Portable stadiometer	31	Infantometer
15	Breath counter	32	Interactive voice recording system
16	Easy to read BP instrument	33	Epilepsy app for computer & portable tablet
17	Modular delivery kit		



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