

# ORAL CANCER DETECTION PROJECT for GLOBAL GRANT

## BACKGROUND

The estimated cancer prevalence in India is around 2.25 million, with more than 8 lakhs new cases and 5.5 lakhs deaths occurring each year. Many of the cases are not reported because of ignorance or social stigma attached to the disease. Detection of Pre-cancerous conditions of oral / head and neck regions is financially as well as technically easier and more beneficial as compared to cancer treatment.

## REQUIREMENT

The model CS 9600 CBCT from Carestream is the latest imaging system which can transform completely the sphere of diagnosis and treatment of all bony and intraosseous diseases including bony invasion in oral cancer.

## Beneficiaries

This will be the first CBCT imaging centers in Distt. Yamuna Nagar, and surrounding District Sirmour, Saharanpur, Panipat, Ambala, Kurukshetra and in adjoining Himachal Pradesh regions. This will benefit the whole population in this part of North India.

## Sustainability of project

This project is being done in collaboration with D.A.V © Dental College and Hospital. Doctors and Support staff will be provided by them. We have done another Global Grant Project of Dental Van to provide oral treatment in remote areas and this project has been very successful.

## Past major projects done by Rotary Yamunanagar with approximate cost

1. Dental Van – Global Grant Project – INR 28 Lakh
2. Gas fired crematorium – INR 200 Lakh
3. Fully operational RVTC providing Sewing, Mobile Repair and Computer education – 50 Lakh
4. 100 + Schools made into Happy schools by providing Desks, Solar Power, Toilets, Handwash stations, Library infrastructure, drinking water RO and coolers, School Walls painting, Books – Some of these schools covered under Global Grant Project – 75 Lakh
5. Arya Kanya School provided with multiple facilities and a basketball court – 40 Lakh
6. 12 Low-Cost Shelters built and handed over to beneficiaries. – 100 Lakh

## Approximate cost of Oral Cancer Detection Project (may vary at the time of execution of project)

Equipment	Unit Cost +GST	Qty	Final Cost
CS 9600 CBCT system	7800000	1	7800000
Oral Pathology & Microbiology material and instrumentation	2000000	1	2000000
Velscope	996800	1	996800
Soft tissue Oral Laser	335000	1	335000
Autoclave	120000	2	240000
Brush Biopsy	15000	10	150000
Toluidine Blue Kits	10000	10	100000
Punch Biopsy	1500	20	30000
Incisional and Excisional Biopsy Kit	1800	10	18000
Advertisement and Training	700000	1	700000
<b>Total Cost in INR</b>			<b>₹ 12,369,800</b>
<b>Total Cost in USD at a conversion rate of 1 USD = 75 INR</b>			<b>\$ 164931</b>