



Bapuji Educational Association (Regd.)

COLLEGE OF DENTAL SCIENCES

I Q A C

INTERNAL QUALITY ASSURANCE CELL



Institutional Distinctiveness

Community outreach Services at low and affordable cost as a part of Institutional Social Responsibility (ISR)

College of dental sciences, Davangere, has been set up with a clear and primary mission to have moral responsibility towards patients, society and nation by providing evidence-based treatment. District of Davangere has 843 villages, with rural population of 13,16,487 out of total population 21,59,502. According to Government data, 3,28,091 are below poverty line. For People unable to afford for daily needs, dental treatments will be luxury since dental treatments with advanced facilities are lacking in many district/ government hospitals. Considering the above challenges, our institute has initiated numerous programs to aid and reach the needy and unaffordable section of population.

1-Danta Bhagya- Danta Bhagya Yojana, is a state government initiative to provide the geriatric patients with free dentures. Our institute has an MOU with the Government of Karnataka to carry out the above-mentioned scheme. Under the program, the department of Prosthodontics, conducts camps with where in clinicians, students, technicians and attenders will be posted to the primary health centre for 2-3 days. On these prescribed days patients needing dentures will be called to the center where the dentures will be fabricated and delivered in those prescribed dates, free of cost to the patients. This not only eliminates the burden of the dental fees and also the time and money spent on visiting the dental college/ clinic.

The efforts of the institute in the project have been well received by the patients and appreciated by the community and the government.

2-Free tooth paste distribution-Developing good oral hygiene habits at an early age helps children get a good start towards a lifetime of oral health. Improving children's oral health is the prime focus of the institution to bring healthy, bright smiles to the children of Davangere. To bring this concept to practice, we created a program to develop awareness among children about the correct oral health habits, basic hygiene and diet, through use of engaging aids to ensure that the children retain their learning about oral care.

Children between the age group of 6 to 14 years, studying in primary schools, were taught good oral hygiene habits, the right techniques of brushing with the use of a tooth model and a toothbrush, the importance of night brushing through an interactive module where the importance of a good mouth cleaning regimen is strongly instilled in them. At the end of the program, each child was given a 'Dental Health Pack' consisting of a toothpaste and a basic toothbrush, along with attractive charts depicting valuable oral care information in order to encourage these children to brush twice a day and take care of their oral care hygiene. A chart containing the oral care information is left in each classroom as a reminder to them, and for the teachers to reinforce the oral care message conveyed.

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3-Dental camps- To aid in this aspect various outreach activities along co-ordination with local authorities various dental health camps were organised in different schools in and around Davangere and educated about oral hygiene instructions and maintenance to students and general public.

4-Adoption of villages through Satellite centres for treatment: our institute has made sure we extend our help to all sections of society. There are areas of the district, where, the basic health facilities are themselves difficult to reach, let alone the dental health facilities. Either due to lack of awareness or the distant ness to facility, people here suffer with dental complications. As an initiative to serve these sections of the community, we have adopted certain villages and are providing regular dental health care facility in timely basis since 2 decades. We have adopted these PHCs and have been providing dental health check up and basic treatment at the respective PHCs. These villages include Hadadi and Bada

5-Tobacco cessation programs: Dentists are in a unique position to educate and motivate patients concerning the hazards of tobacco to their oral and systemic health, and to provide intervention programs as a part of routine patient care. Strategies for tobacco cessation involves 5 A's and 5 R's approach, quit lines and pharmacotherapy. The five A's: Ask, Advise, Assess, Assist and Arrange and five R's: Relevance, Risk, Rewards, Repetition, Roadblocks were effectively use in helping the patients to quit the habit. In addition to this tobacco awareness leaflets, brochures, continuing patient education materials regarding tobacco cessation was made available to patients. About 75% of the patients who attended the counselling and therapy reported to have quit the habit.

Every year Department of Oral Medicine takes the initiative and collaborate with IDA – Davangere branch and local authorities and conduct world No-tobacco Day in the form of awareness lectures, Rallies and Street shows to educate the ill effects of tobacco menace. Oral hygiene day-

6-Charity by students: the smallest act of kindness is worth more than the grandest intention. This act of kindness instils a positive feeling and gives a sense of joy. Money and books were collected and accepted, anything and everything except perishable items in good condition were refurbished, ensuring that the clothes were washed and ironed all items along with the money donated by staff and students, were handed over to needy and the organizations working for the needy, which included orphanages in and around Davangere. As a token of appreciation, Appreciation certificate was given to all those who donated. This was conducted as a week long program by our institute interns as their concern and contribution to the community.

7-Our Service at COVID wards : During the peak of COVID pandemic our institution posted Post graduate students and interns as per request of Government of Karnataka to assist and support medical doctors and nursing staff in treating COVID patients during 1st and 2nd wave at Primary health care centres in and our Davangere. Our students underwent the training from

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the government doctors posted in CG hospital and were trained for serving in Triage area, ward duty and ICU duty. They were posted in both ICU and in wards to help the medical staff to decrease their work load during the phase of COVID. Uniqueness of this postings was all students voluntarily worked out on humanitarian grounds and had taste of success in saving many lives and also guarding them in post covid phase to a have better living. They also educated the society in encasing the false stigma about COVID positive patients. Many students who had served in the wards had turned positive and were isolated. After strict protocol was followed they were asked to resume their original duties after they had turned normal after the investigators revealed negative. We were requested to support the government in the management of Covid19 patients as there was shortage of nursing staff at Primary Health Centre, hence the nursing staff of our institution were posted at various Primary Health center in Davangere for administering the Vaccine for the public.

8- COVID Vaccination drive: In the **Vaccination drive** against Covid 19, our college in collaboration with District Health Office, our institution nurses were trained in the method of administering the vaccination and carrying out the program. All the students, dental faculty, parodontal and menial staffs were vaccinated in the college campus. We had been allotted a vaccination site for this purpose. The vaccinated list has been sent to the university for further needful.

We were requested to support the government in the management of Covid19 patients as there was shortage of nursing staff at Primary Health Centre, hence the nursing staff of our institution were posted at various PHS center in Davangere for administering the Vaccine for the public.

9- Management of Mucormycosis: India reported a recent surge in **Mucormycosis** cases during COVID-19 pandemic in patients with uncontrolled diabetes and those on systemic corticosteroids therapy for COVID -19. The incidence rate of mucormycosis globally varies from 0.005 to 1.7 per million population. In India, prevalence of mucormycosis is estimated as 140 per million population, which is about 80 times higher than the prevalence in developed countries. And state health department was not prepared to handle thin unforeseen surge of rare pathogen and called for our help. Our institutes, Department of oral and maxillofacial surgery, in collaboration with ENT surgeons played an crucial role in the management of these cases medically as well as surgically in our institution as well as Government District hospital, Davangere. Incidence of mid facial skeleton deformity was evident in almost all cases. All patients were surgically treated with debridement of the same. Post-operative rehabilitation of these cases with huge maxillary defects were successfully carried out by Department of Prosthodontics in our institution by providing prosthesis and helping them in reconstruction.

10-SS Care Trust- under the able guidance and instructions joint secretary of Bapuji Education Association, Dr Shamanur Shivashankarappa, a trust has been formed focusing on providing health care needs to under privileged and economically backward communities of Davangere district.

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As per April 2022, 17 camps have been conducted in various loci of the district of which, Public health dentistry department of our institution was a crucial part. In which, ---were screened and treated for dental ailments.

Effect of ISR on student education, vision and mission: The above services helped students of CODS in getting unique learning resources and had increased exposure various issues of the society. Infact, we believe that the research ideas in a student emerges from the exposure of issues in the community. Alumni of our institute trained in CODS are well placed in their career and are rendering valuable contribution at their own levels. The training undergone during their Post-Graduation and Internship have inspired them immensely to reach their current position.

Shobharathil
CO-ORDINATOR
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