

Kayakalp: Rejuvenating Public Health Facilities through Incentives and Awards

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Abstract

Background: Ministry of Health And Family Welfare has launched a new initiative "KAYAKALP" on 15th May 2015, to promote cleanliness and enhance the quality of care at public health facilities. The main aim of this initiative is to promote and recognise efforts of public health facilities in creating a healthy environment in the Society. Recognitions and Financial incentives are provided to public healthcare facilities for showing exemplary performance in adhering to standard protocols of cleanliness and infection control. For district hospital level facilities, Winner award money is Rs 50 Lakhs for the states with 10 or more districts. The program was embraced by public health facilities with zest, zeal and enthusiasm and created a positive and health amongst them. After two years of its successful implementation it has shown remarkable impact on public health facilities. *Conclusion:* Through this article we can conclude that Kayakalp award scheme has promoted cleanliness, hygiene and Infection Control practices in Public Health Facilities and inculcate a culture of healthy competition among them.

Keywords: Kayakalp; Hygiene; Swachhata; Award; Competition; MoHFW.

Introduction

The Swachh Bharat Abhiyan launched by the Prime minister on 2nd October 2014, focus on promoting cleanliness in Public spaces. To complement this effort and to leverage political commitment, MoHFW, Government of India had launched Kayakalp Award Scheme on 15 May 2015 with aim of promoting 'Swachhata' and Hygiene in Public Health facilities.

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Kayakalp Award scheme has following objectives -

- To promote cleanliness, hygiene and Infection Control Practices in public Health Care Facilities.
- To incentivize and recognize such public healthcare facilities that show exemplary performance in adhering to standard protocols of cleanliness and infection control.
- To inculcate a culture of ongoing assessment and peer review of performance related to hygiene, cleanliness and sanitation. .
- To create and share sustainable practices related to improved cleanliness in public health facilities linked to positive health outcomes.

Based on the set criterion prize winners receive a cash award with a citation. Additionally Certificate of Commendation plus cash award is given to such facilities that score over 70%.

In the last FY 2015 -16, Kayakalp Initiative was for 10 selected Central Government Tertiary Care Institutions and all District Hospital level facilities of the nation. In the current FY (2016-17), the initiative has been extended to Sub-division Hospitals, Community Health Centres and Primary Health Centres.

Assessment Tool

The Kayakalp assessment of facilities is done using checklists. These checklists are compliance of

Table. 1:

Level of Facility	Ranked Awards	Certificate of Commendation
Awards for Central Government Tertiary Care Institutions	1 st Prize- 5 Crore 2 nd Prize:- 3 Crore 3 rd Prize:- 1 Crore 4 th Prize:- 50 Lakhs	Not Applicable
District Hospital	1 st - Rs.50 lakhs 2 nd - Rs.20 lakhs	Rs. 3 lakh
CHC & SDH	1 st - Rs.15 lakhs 2 nd - Rs10 lakhs	Rs. 1 lakh
Primary Health centres	Winner - Rs. 2 lakhs	Rs.50,000

themes, Criteria and checkpoints in a very systematic manner. Apart from these, a checklist provides assessment method and means of verifications against each checkpoint.

Thematic Area	Assessment Method	Means of Verification	Compliance	
Ref. No.	Criteria	Assessment Method	Means of Verification	Compliance
A.	HOSPITAL/ FACILITY UPKEEP			
Criterion	Test & Animal Control			
A1.1	No stray animals within the facility premises	Ob/SI	Observe for the presence of stray animals such as dogs, cats, cattle, pigs, etc. within the premises. Also discuss with the facility staff	
Checkpoint	A1.2	Cattle-trap is installed at the entrance	OB	Check at the entrance of facility that cattle trap has been provided. Also look at the breach, if any, in the boundary wall

Fig. 1: Kayakalp Check-list for Secondary Care Health Facilities

In Figure1 Kayakalp Checklist for DH, SDH & CHC Award to Public health facilities, Kayakalp 2016.

There are four types of checklists for four different levels of public health facilities:-

1. Tertiary care Level Checklist:- Applicable for Central Government Tertiary care Institutions
2. Secondary care Level Checklist:- Applicable to District Hospitals, Sub District Hospitals, Area Hospital, Taluk Hospital and CHCs.
3. Checklist for 24X7 PHC:- Applicable to PHC with indoor facilities and labour Room
4. Checklist for PHC (without beds):- Applicable to ambulatory setting such as Additional PHC & Urban PHCs.

The award is distributed based on the performance of the facility on the following themes of the checklist

- (i) Hospital/ Facility Upkeeo
- (ii) Sanitation and Hygiene
- (iii) Waste management
- (iv) Infection Control

- (v) Hospital Support Services
- (vi) Hygiene Promotion

Assessors can provide following scores on checklists against each checkpoint:-

- a. Full Compliance:- If all requirements met, scores of 2.
- b. Partial compliance:- If at least 50% or more requirements met, scores of 1.
- c. Non Compliance:- If less than 50% of requirements met, scores of 0.

The score card for the kayakalp generated either through manual calculation or through formula fitted excels sheets.

Implementation of this Scheme

The implementation requires broadly following four sets of activities.

1. Awareness workshop for all state officials including Principal secretaries, Mission directors and Chief medical officers of all districts at State level. Similar kind of training at all districts for District magistrates, Medical superintendents and Medical officer in charges of all public health facilities of the districts.
2. Training & capacity building of Health professionals and front-line workers for assessment as well as improving the 'Swachhata'.
3. Assessment of the health facilities through a 3-tier system of internal, peer & external assessment.
4. Declaration of award & felicitation.

Major Activities Undertaken in FY 2015-16

- The States & UTs were supported in ‘Kayakalp’ roll-out as a part of National Health Mission (NHM)-Funds for awards, trainings, assessment, hospital improvement, etc. and technical assistance through NHSRC was provided.
- Hon’ble HFM had personally communicated to Health Ministers of States for scaling-up of KAYAKALP initiative.
- The Ministry of Health and Family Welfare had organized an Awareness workshop on the Kayakalp in New Delhi on 25th June 2015. Trainings on Kayakalp “Awareness” and “External Assessor training” were conducted in all states.
- KAYAKALP Website with the domain name of “kayakalpindia.com” has been launched.
- Activities under the KAYAKALP initiative had also being shared on social media -<https://www.facebook.com/pages/Kayakalp/586316831510706>
- The Ministry had consultative meeting with leading NGOs of the country on 09th July 2015 for involving them in improving ‘Swachhta’ at Public Health Facilities.
- All States had rolled out this program and declared “Kayakalp award” for district hospitals in FY 2015-16.
- External assessment of 10 selected Central Government Institutions was conducted by expert from centre and three best facilities were selected for kayakalp awards.
- Ministry of Health & Family Welfare had organised ‘National Felicitation of Kayakalp Awardees’ on 16th March 2016. Besides Central Govt. Institutions, District Hospital In-charges, State Health Secretaries & Mission Directors and other state functionaries had attended that

function.

Major Activities Undertaken in FY 2016-17

- The “Kayakalp” award has been extended to all Public Health Facilities – DHs, SDHs/CHCs and PHC’s during the current FY.
- Kayakalp tools have been expanded to include a separate check-list for the PHCs with beds, and another check-list for the PHCs without beds.
- Biomedical Waste Rule 1998 has been revised and new rules have been promulgated on 28th March 2016. Hence Theme ‘C’ – Waste Management in the Kayakalp’s existing tools has also been revised.
- A master training on ‘Swachh Bharat Abhiyaan’ at state level and similar kind of “Swachh Bharat Abhiyan training” at all districts and facilities has been initiated this year for implementing kayakalp programme and improving Swachhata and infection control practices in public health facilities.
- Launch of “Swachh Swasth and Sarvatra”:- The “Swachh Swasth Sarvatra” is a part of the Union Government’s flagship Swachh Bharat Mission.
 - It is joint initiative of Ministry of Health and Ministry of Drinking Water and Sanitation to achieve better health outcomes through improved sanitation and increase awareness on healthy lifestyles.
 - Its objective is to build on and leverage achievements of two complementary programmes – Swachh Bharat Mission (SBM) and Kayakalp.
 - Three broad objectives of this scheme are:-
 - I. Enabling Gram Panchayat where kayakalp awarded PHCs are located to become ODF.
 - II. Strengthening Community Health Centre (CHC) in ODF blocks to achieve a high level of

Table 2: Activities completed under kayakalp for FY 2016-17

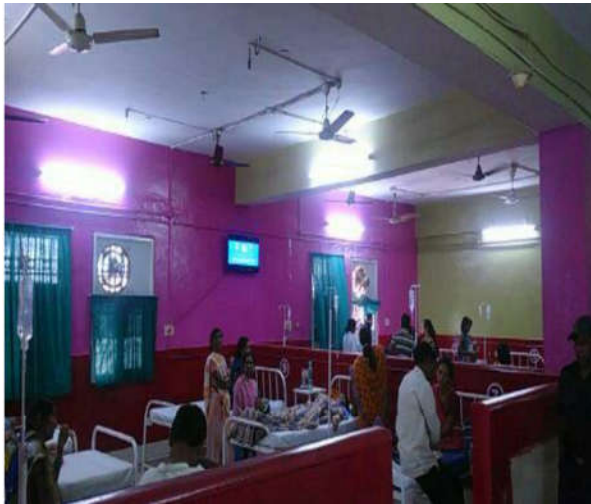
Activities completed under Kayakalp, till 26thFebruary 2017*				
<i>*As per information provided by States to NHSRC.</i>				
Level of facilities	Facilities under Kayakalp	Internal Assessment Completed	Peer Assessment Completed	External Assessment Completed
District Hospital Level Facilities	812	782	528	248
SDHs/CHCs	5691	4551	1904	555
PHCs	15250	9273	2782	1290
UPHCs/APHCs	1264	273	36	22
Total	23017	14879	5250	2115

cleanliness to meet kayakalp standards through a support of Rs 10 Lakhs under NHM.

III. Build capacity through training in water, sanitation and Hygiene (WASH) to nominees from such CHCs and PHCs.

Table 2 Depicts Activities done under Kayakalp Programme for FY 2016-17 till 26th February 2017

- Out of 26 eligible states of the country 25 States has completed all assessments and have identified "Kayakalp" awards for district hospital level facilities. Only State of Jammu and Kashmir is not able to complete external assessment of Kashmir region due to heavy snowfall during January to Mid-February 2017.
- In SDHs/CHCs categories out of 36 States and UTs 27 States and 2 UTs has completed all assessments and declared "Kayakalp" awards.
- Out of all 36 States and UTs of the country 28 States/UTs has completed all assessments and



Picture 1: Improved aesthetic in a general ward, Indra Gandhi District Hospital, Korba (Chhattisgarh)



Picture 2: Children's play area in paediatrics ward at Civil Hospital, Amritsar



Picture 3: Renovation for better dietary services at Indra Gandhi District Hospital, Korba (Chhattisgarh)



Picture 4: Cleaning of Hospital Kitchen



Picture 5: Hand Washing training for school children, District Hospital Panchkula, Haryana



Picture 6: Improving the Cleaning Process at DH in Madhya Pradesh



Picture 7: Scientific Management of Biomedical Waste at DHH Koraput (Odisha)



Picture 8: Patients Queue Management at a DH in Tamilnadu



Picture 9: ICU at District Hospital Khera, Gujrat



Picture 10: Patient information system

declared kayakalp awards for PHCs level facilities. Till date 242 districts of the country have identified winner and commendation award winner PHCs.

- Assessment of Central level Government Institutions has completed and awards distributed to 1 winner, 2 Runner-up and 3 commendation award winner facilities.

Major impact of the Programme

1. Enhanced cleanliness and improved aesthetics of public health facilities
2. Reduction in Hospital Acquired Infections
3. Improved Bio Medical Waste Management system of facilities
4. Speedy recovery of patients
5. Enhanced Patients' Satisfaction
6. Helps in Quality Assurance programme
7. Inculcate culture of maintaining cleanliness at Public spaces
8. Regain trust and confidence of the community in Public healthcare facilities.

Conclusion

Kayakalp scheme has been encouraging public health facility in the nation to work towards standards of excellence to ensure facilities stay clean and hygienic. This scheme had shown that there is significant increase in cleanliness, hygiene and infection control practices in public healthcare facilities.

This scheme has been initiating a culture of ongoing assessment and peer review of performance to promote hygiene, cleanliness and sanitation. This scheme will also provide opportunities and incentives to bolstering inter sectoral coordination for the improvement of health systems.

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References

1. Award to Public Health facilities, Kayakalp,

- Ministry of Health and Family Welfare Government of India.
2. Kayakalp Coffee table book, Ministry of Health and Family welfare, Government of India.
3. Office of National Health Systems Resource centre, New Delhi: - Quality division: Reports from various States/UTs.
4. Operational Guidelines Swachh Swasth Sarvatra

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