

**Record of discussion of the HTAIn Board Meeting, held on 3<sup>rd</sup> of May, 2019 at 10.30 AM in the Committee Room, Department of Health Research (DHR), MoHFW under the Chairmanship of Prof. V. K. Paul, Member, NITI Aayog to discuss the TAC approved HTA Outcome Reports.**

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1. A second Health Technology Assessment in India (HTAIn) Board Meeting was held on 3<sup>rd</sup> of May, 2019 at 10.30 AM in the Committee Room, Department of Health Research (DHR), MoHFW under the Chairmanship of Prof. V. K. Paul, Member, NITI Aayog and Vice-Chairmanship of Prof. Balram Bhargava, DG, ICMR and Secretary, DHR.
2. The list of participants is given in the Annexure-I
3. The Agenda for the meeting will be to discuss the outcome reports of
  - i. Screening for Breast Cancer.
  - ii. Screening for Cervical Cancer.
  - iii. Preliminary Costing Study Data.
  - iv. HTA on Long Acting Reversible Contraceptives and
  - v. HTE/Validation of Hemoglobinometers
4. After a round of introduction, the Additional Secretary, DHR briefed about the HTAIn establishment and mission.
5. HTAIn Secretariat gave a brief presentation on the progress of HTAIn, that included the Compendium showing the progress of the HTAIn in its two years, HTAIn Website and New topics received from States/ MoHFW. It was also emphasized that the objective of HTAIn was to Maximize Health, Reduce Out of Pocket expenditures (OOPs) and inequality in healthcare services.
6. The last Board Meeting Minutes and Action Points were also discussed along with the implications of the Outcome of the approved studies in Central Govt. and some States of India.
7. The Chairman appreciated the progress and work done by HTAIn and advised that the process of making decisions through HTA needs to be crystallized and how to pick the priorities and align different types of work.
8. The Vice-chairman stated that the main purpose of HTAIn is to support MoHFW in costing and packages in a scientific manner and to bring science and evidence in consensus with recommendations made. He added that HTAIn may evolve similar to NICE.
9. Suggestion was made by the Vice-Chairperson to present the standard treatment workflows in the Board Meetings and the competent authorities such as Additional Secretary & Financial Advisor (IFD) may also be invited.
10. The Chairman and the Vice-Chairman also proposed to have an International Advisory Board/ Committee for better visibility and guidance. Various ideas were put forward to the board regarding the same such as – to have a global partner or advisory group for specific things such as costing or other complex data, to have an advisory group for the HTAIn Board etc.

**I. Outcome Report of HTA on Cervical Cancer Screening:**

1. The Outcome Report of the HTA study on Cervical Screening was presented by PGIMER, Chandigarh team through a Power Point presentation.
2. Points of discussions were as follows:



re-use and measures cost in the current scenario given the extent of re-use that exists. However, it can be subsequently assessed if a normative estimation of cost is done.

- It was suggested that for the reusability of the consumables a price cap may be put on consumables and recombination may be made that below certain price the consumables should not be re-used and above certain price it may be reused.
  - In the preliminary all three categories viz. package rates which were more than present Ayushman Bharat packages, almost equal to Ayushman Bharat Packages rates and less than present Ayushman Bharat Rates were categorically segregated and showed through PowerPoint presentation.
3. The board suggested to focus on the robustness of the study if there is a major deviation from the current Ayushman Bharat package rates and see if some course correction is required in the rates.

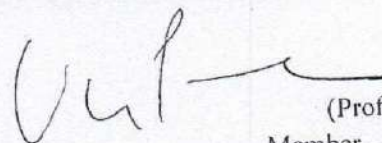
V. Diagnostic Efficacy of Hemoglobinometer.

1. The Outcome Report of Diagnostic efficacy of digital hemoglobinometer and noninvasive devices for screening anemia was jointly presented by IIPH, Delhi and AIIMS, Delhi team.
2. Following were the points of discussion:
  - Is any contradiction in the results from what manufacturers claim.
  - Why HemoCue under reports in case of severe anemia when it reports normal for normal level of hemoglobin.
  - Why Hemocue in this study was overestimating whereas normally HemoCue seem to underestimate Hb values in extreme cold temperature, why was the cost of HR different in rural and urban areas Based on the study results the board recommended the findings
3. The outcome report of hemoglobinometer study was approved by the Board post-discussion.

VI. After detailed deliberation following action points emerged:

1. An internal meeting was proposed with the Board Members for further deliberations.
2. The Outcome Report of the HTA study on Cervical Cancer Screening was approved by the Board.
3. The Outcome Report of HTA study on Breast Cancer Screening was suggested to go through TAC for further refinements and mention the question clearly, assumptions, rates and make sure that the results may address the question properly. Also, compare the results with what is practiced internationally.
4. The LARC study was approved by the Board.
5. The National Healthcare Costing study was well appreciated by the Board and suggestions were made to focus on the robustness of the study if there is a major deviation from the current Ayushman Bharat package rates and see if some course correction is required in the rates.
6. The Outcome Report on Hemoglobinometer was approved by the Board with some suggestions.

The meeting ended with a vote of thanks to the chair and all the Members.



(Prof. V. K. Paul)  
Member – NITI Aayog  
New Delhi.



**List of Participants in the HTAIn Board Meeting**

1. Prof. Vinod. K. Paul, Member, NITI Aayog – Chairperson.
2. Prof. Balram Bhargava, Secretary, Deptt. of Health Research & DG, ICMR – Vice Chairperson.
3. Shri Rajesh Kotecha, Secretary, Ministry of AYUSH, New Delhi.
4. Smt. Sarita Mittal, Additional Secretary, DHR, New Delhi.
5. Dr. Manohar Agnani, JS(Policy), MoHFW, New Delhi.
6. Dr. S.K. Sikdar, Deputy Commissioner (FP), MoHFW, New Delhi.
7. Shri. N. Yuvraj, DS(NHM), MoHFW, New Delhi.
8. Dr. Tej Ram, Dy. Commissioner, Family Planning, MoHFW, New Delhi.
9. Shri. DR Meena, Deputy Secretary, DHR, New Delhi
10. Shri. GR Raigar, Deputy Secretary, DHR, New Delhi
11. Prof. Rajesh Kumar, Head, School of Public Health, PGIMER, Chandigarh.
12. Dr. G. Karthikeyan, Prof. Cardiology, AIIMS, New Delhi.
13. Dr. Promila Gupta, Sr. Consultant, DGHS.
14. Dr. M. Shaukat, Adisor. DGHS, New Delhi.
15. Dr. Alka Sharma, Advisor, DBT, New Delhi.
16. Prof. S. Ramji, Dean, Maulana Azad Medical College, New Delhi.
17. Prof. T. Sundararaman, TISS Mumbai – Special Invitee.
18. Dr. Smita D. Mahale, Director, NIRRH, Mumbai.
19. Dr. Beena Joshi, Scientist E, NIRRH, Mumbai.
20. Dr. Kusum Moray, Scientist C, NIRRH, Mumbai.
21. Dr. Shankar Prinja, Additional Professor, PGIMER, Chandigarh.
22. Dr. Maninder Pal Singh, Research Officer, PGIMER, Chandigarh.
23. Akriti Chahar, NHSRC, New Delhi.
24. Mr. Anjaney, Consultant (Med.), NHSRC, New Delhi.
25. Mr. Mohammad Ameel, NHSRC, New Delhi.
26. Ms. Purnima Dhamija, HCT, NHSRC, New Delhi.
27. Dr. Sutapa B. Neogi, Prof. IIPH (PHFI), New Delhi.
28. Dr. Anju Pradhan, Scientist – E, ICMR Headquarter, New Delhi.
29. Dr. Deepika Saraf, Scientist E, ICMR Headquarter, New Delhi.
30. Dr. Kavitha Rajsekar, Scientist-D, DHR, New Delhi.
31. Dr. Nidhi Singh, Scientist-C, DHR, New Delhi.
32. Dr. Oshima Sachin, Scientist-D, HTAIn Secretariat, DHR, New Delhi.
33. Dr. Shalu Jain, Scientist-C, HTAIn Secretariat, DHR, New Delhi.
34. Dr. Aamir Sohail, Health Policy Analyst, HTAIn Secretariat, DHR, New Delhi.
35. Ms. Safia Zaidi, Programme Manager, HTAIn Secretariat, DHR, New Delhi.
36. Mr. Arvind Bhushan, Scientist C, HTAIn Secretariat, DHR, New Delhi.
37. Ms. Jyotsna Naik, Scientist-C, HTAIn Secretariat, DHR.
38. Dr. Malkeet Singh, Health Economist, HTAIn Secretariat, DHR, New Delhi.
39. Dr. Akshay Chauhan, Health Economist, HTAIn Secretariat, DHR, New Delhi.
40. Ms. Kirti Tyagi, Scientist C, HTAIn Secretariat, DHR, New Delhi.
41. Dr. Jagadeesh K V, Scientist B, HTAIn Secretariat, DHR, New Delhi.
42. Mr. D. Pradhan, Consultant (Fin.), HTAIn Secretariat, DHR, New Delhi.
43. Dr. Himanshi Tomar, Scientific Consultant, HTAIn Secretariat, DHR, New Delhi.
44. Ms. Anjana Aggarwal, Scientific Consultant, HTAIn Secretariat, DHR, New Delhi.
45. Dr. Archana Pandey, Scientific Consultant, HTAIn Secretariat, DHR, New Delhi.
46. Dr. Ashis Samuel, Scientist (Med.), HTAIn Secretariat, DHR, New Delhi.
47. Dr. Jerin Jose Cherian, Scientist D, DHR, New Delhi.
48. Dr. Deeksha Elwadhi, Scientist.C, DHR, New Delhi.