

# Patent granted to instrument for Therapeutic Emesis

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**In news**– Recently, President, Board of Ayurveda, National Commission for Indian System of Medicine (NCISM) and his team of inventor were granted a patent for development of advanced automated system or instrument for Therapeutic Emesis by Controller of Patents, Government of India.

## **About Therapeutic Emesis(Vamana)-**

- The Ayush sector has been constantly attempting to use technology and new innovation for various Ayurveda therapies. **An advanced automated system or instrument for Therapeutic Emesis has been developed, which will make this therapy simple and convenient.**
- **Panchakarma are the prime treatment modality in ayurveda.** Panchakarma are administered for prevention, manage, cure as well as for rejuvenation purposes. five procedures under panchakarma are:
  1. **Vamana (therapeutic emesis).**
  2. Virechana (therapeutic purgation).
  3. Basti (therapeutic enema).
  4. Nasya (therapy through nasal route) and
  5. Rakthamokshana (blood letting therapy).
- **Vamana i.e., a therapeutic procedure that expels impurities or doshas through oral route.**
- The procedure is tedious to administer for both patient and panchakarma expert consultant. Further handling the vomitus hygienically is a major challenge.
- **Till now there is no any technology developed to ease the procedure. The present patented equipment 'Advanced Automated Equipment or System for Therapeutic Emesis'** has been developed to administer the difficult Vamana procedure comfortably.

- This **technology is equipped with monitors for monitoring of vital data of patients** during the procedure.
- There is provision for handling the vomitus hygienically and as per biomedical waste management policy.
- It is also provided with emergency kit that is required to manage complications of the procedure.
- Clinical parameters that are required to assess the procedure are also automated. **In total this technology is the complete solution for administering the Vamana procedure comfortably.**
- **This Product was developed by Dr APJ Abdul Kalam Ayurtech Incubation Centre of KLE Ayurworld and KLE Engineering college at Belagavi, Karnataka.**
- **This advanced automated system will help the Ayurveda fraternity in teaching and practicing Ayurveda** with use of technology.