An update on model Ayush wellness clinic at president’s estate, India

Abstract
The Government of India has introduced an increased advocacy of AYUSH system of medicine and establishment of Indian systems of medicine specialty centres. Taking this vision forward, the Rashtrapati Bhavan with help of Ministry of AYUSH, Government of India; established the first AYUSH Wellness Clinic (AWC) of the country at President’s Estate in July 2015. The AWC has treatment facilities in the streams of Ayurveda, Yoga and Naturopathy, Unani, Siddha & Homoeopathy. AWC caters to the medical needs of the President, officials of President’s Secretariat and residents of the President’s Estate. This paper presents an update on the success and the work done at AWC from its inception in July 2015 to January 2018. A total of 82137 patients were consulted and nearly 46443 received various therapies prescribed by the physicians during this time period. AYUSH awareness workshops are being conducted for every year. New initiatives in the year 2015 include establishment of herbal garden at the AWC premises, designated touch screen interactive kiosk and starting Skill-development and Internship Programme for the residents. New initiatives in the year 2016 include Village out-reach programme and participation in the Festival of Innovation at Rashtrapati Bhavan. As new initiative in the year 2017- new therapies were added to the existing services in Ayurveda wing, Yoga and Naturopathy wing and Unani wing; the therapists and support staffs working at AWC were trained in First-AID and CPR and 22 research papers were published in peer reviewed indexed journals.

Keywords: AYUSH wellness clinic, Unani, Sidha, Homoeopathy, rashtrapati bhavan, India

Vision and objective
Honourable Prime Minister of India has created AYUSH ministry in November 2014 by elevation of the Department of AYUSH under Ministry of Health and Family Welfare with the vision to encourage the Indian system of medicine and Homeopathy. The Government of India has emphasised increased advocacy of AYUSH system of medicine and establishment of Indian systems of medicine specialty centres. Taking this vision forward, the Rashtrapati Bhavan with help of Ministry of AYUSH established the first AYUSH Wellness Clinic (AWC) of the country with all the five systems under one roof at President’s Estate in July 2015. A dilapidated building in the President’s Estate was renovated and converted into the AWC. The AWC has treatment facilities in the streams of Ayurveda, Yoga and Naturopathy, Unani, Siddha & Homeopathy. The clinic caters to the medical needs of the President, officials of President’s Secretariat and residents of the President’s Estate. 1, 2

Our mission
Our mission is achieving and maintaining excellence in healthcare services through Indian system of medicine and Homoeopathy. We provide comprehensive healthcare services to our valued beneficiaries in form of consultations and therapy through our Ayurveda, Yoga and Naturopathy, Unani, Siddha & Homeopathy OPDs. Along with consultation, medicine, and therapies; disease prevention and positive health promotion services are also provided at AWC.

Organisation and infrastructure/administration
Manpower including consultants, therapists and MTS staff is being provided by M/O AYUSH, Government of India. The Staff for maintenance, cleanliness and security is being provided by Rashtrapati Bhavan. The infrastructure & equipment is provided by Rashtrapati Bhavan and medicines are provided by M/O AYUSH, Government of India. 3

Service delivery mechanism
Patient data is maintained by the special clinic software designed by National Informatics Centre, Ministry of Electronics and IT, Government of India. Automatic OPD cards are generated by entering patient details. The detail of diagnosis and medicine/therapy prescribed is entered into the software by consulting physicians. 4

Human resource
The committed human resource working at the clinic includes one male and one female physician in all five wings namely Ayurveda, Yoga and Naturopathy, Unani, Siddha & Homoeopathy. Ayurveda, Yoga and Naturopathy, Unani and Siddha wings have one male and one female therapist. Yoga and Naturopathy wing has an additional Yoga therapist. Besides this, all wings have one male and one female MTS and all except Yoga and Naturopathy have a pharmacist. 4

Overview of patients receiving services
An overwhelming number of patients have benefitted from the healthcare services being provided at AWC. The overview of the beneficiaries from January to December 2017 is given below in Table 1 & Table 2, (Figures 1-7).
Table 1 Overview of Patient Consulted from July 2015-January 2018

<table>
<thead>
<tr>
<th>Department</th>
<th>New patient cases</th>
<th>Follow up cases</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Male</td>
</tr>
<tr>
<td>Ayurveda</td>
<td>4431</td>
<td>2739</td>
<td>6690</td>
</tr>
<tr>
<td>Yoga and Naturopathy</td>
<td>1476</td>
<td>1295</td>
<td>5263</td>
</tr>
<tr>
<td>Unani</td>
<td>3829</td>
<td>3126</td>
<td>5850</td>
</tr>
<tr>
<td>Sidha</td>
<td>1812</td>
<td>1428</td>
<td>3450</td>
</tr>
<tr>
<td>Homeopathy</td>
<td>4338</td>
<td>4237</td>
<td>4966</td>
</tr>
<tr>
<td>Grand Total</td>
<td>15886</td>
<td>12825</td>
<td>26219</td>
</tr>
</tbody>
</table>

*Sourced from NIC special clinic software*  

Figure 1 Department wise new patient cases (July 2015-January 2018).

Figure 2 Department wise follow up patient cases (July 2015-January 2018).

Figure 3 Total new and follow up cases (July 2015-January 2018).

Figure 4 Pie chart of department wise consultations (July 2015-January 2018).

Figure 5 Department wise therapies done (July 2015-January 2018).
Table 2 Overview of Therapies done from July 2015-January 2018

<table>
<thead>
<tr>
<th>Department</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ayurveda</td>
<td>10577</td>
</tr>
<tr>
<td>Yoga and Naturopathy</td>
<td>19042</td>
</tr>
<tr>
<td>Unani</td>
<td>13030</td>
</tr>
<tr>
<td>Sidha</td>
<td>3794</td>
</tr>
<tr>
<td>Grand Total</td>
<td>46443</td>
</tr>
</tbody>
</table>

*Sourced from NIC special clinic software*

Table 3 Disease wise patient distribution (July 2015-January 2018)

<table>
<thead>
<tr>
<th>Disease wise distribution</th>
<th>Ayurveda (%)</th>
<th>Yoga &amp; Naturopathy (%)</th>
<th>Unani (%)</th>
<th>Siddha (%)</th>
<th>Homoeopathy (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Musculo-skeletal Disorders</td>
<td>15%</td>
<td>32%</td>
<td>28%</td>
<td>17%</td>
<td>8%</td>
</tr>
<tr>
<td>Respiratory Disorders</td>
<td>9%</td>
<td>6%</td>
<td>27%</td>
<td>7%</td>
<td>51%</td>
</tr>
<tr>
<td>GIT Disorders</td>
<td>17%</td>
<td>10%</td>
<td>34%</td>
<td>7%</td>
<td>32%</td>
</tr>
<tr>
<td>Neurological Disorders</td>
<td>12%</td>
<td>11%</td>
<td>25%</td>
<td>12%</td>
<td>40%</td>
</tr>
<tr>
<td>CVS Disorders</td>
<td>11%</td>
<td>35%</td>
<td>41%</td>
<td>3%</td>
<td>10%</td>
</tr>
<tr>
<td>Genito-urinary Disorders</td>
<td>11%</td>
<td>3%</td>
<td>16%</td>
<td>13%</td>
<td>57%</td>
</tr>
<tr>
<td>Dermatology Disorders</td>
<td>3%</td>
<td>1%</td>
<td>30%</td>
<td>14%</td>
<td>52%</td>
</tr>
<tr>
<td>Endocrine/ Metabolic Disorders</td>
<td>9%</td>
<td>29%</td>
<td>41%</td>
<td>5%</td>
<td>16%</td>
</tr>
<tr>
<td>Others</td>
<td>10%</td>
<td>16%</td>
<td>34%</td>
<td>5%</td>
<td>35%</td>
</tr>
<tr>
<td>Gynaecological Disorders</td>
<td>10%</td>
<td>5%</td>
<td>30%</td>
<td>5%</td>
<td>50%</td>
</tr>
</tbody>
</table>

*Sourced from NIC special clinic software*

Services available

**Ayurveda**

Consultation and medicines are available along with Ayurveda therapies including- Shirodhara, Abhyanga (Sarvanga), Abhyanga (Ekanga), Patra pinda sweda (Sarvanga), Patra pinda sweda (Ekanga), Swedana (Sarvanga), Swedana (Ekanga/Nadi swedana), Akshi Tarpan, Katibasti, Grivabasti, Janubasti and Nasya.

The Ayurveda department is popular among patients for gastrointestinal diseases including hyperacidity, chronic constipation, IBS and piles; musculoskeletal diseases including osteoarthritis knee, back pain, cervical spondylosis; and Lifestyle disorders as adjuvant in diabetes & high BP.

Yoga & Naturopathy

Consultation is available along with Yog Chikitsa (Asana, Pranayam, Meditation), Naturopathic diet therapy, Masso therapy (Manual full/partial), Mud therapy (Full/Partial), Steam therapy (Full/Partial/facial), Hydrotherapy (Spinal bath, Spinal spray, Foot & Hand, with pack, Enema), Potli/Poulitice, Foot Reflexology and Mustard Pack.

The Yoga and Naturopathy department is popular among patients for Musculoskeletal diseases including back pain, cervical spondylosis, osteoarthritis knee, frozen shoulder, disc prolapsed; Endocrinological disorders including diabetes, obesity, hypothyroidism, PCOD and Respiratory diseases including Sinusitis and Bronchial asthma.

Unani

Consultation and medicines are available along with Unani therapies including Hijamat (Wet cupping), Hijamat (Dry/Gliding/Fire cupping), Dalak, Mechanical massage chair, Mechanical riding machine, Hammam, Local massage with local steam, Facial steam, Muscle stimulation (TENS), Fasd and Takmed.

Siddha

Consultation and medicines are available along with Siddha therapies including Varmam & Thokkanam, Thuvalai, Podi Thimiral Therapies, Vedhu, Patru, Pugai, Otradam & Kizhi and Nasiyam.

The Unani department is popular among patients for Cardiovascular diseases High BP, dyslipidemia, coronary artery disease; Gastrointestinal diseases including chronic indigestion, liver disorders, constipation, piles; Musculoskeletal diseases including cervical spondylosis, lumbar spondylosis, osteoarthritis, rheumatoid arthritis, back pain; and Skin diseases including chronic eczema, fungal infections, cholasma, warts etc.

Homeopathy

Consultation and medicines are available in Homeopathic department. The department is popular among patients for Gynaecological disorders including menstrual disorders, fibromyoma uterus, polycystic ovarian disease, leucorrhoea, dysfunctional uterine bleeding, menopausal syndrome; Genito-urinary diseases including urinary tract infection, renal calculi and benign hypertrophy prostate; Skin diseases including chronic eczema, lichen planus, hair loss including alopecia areata and diffuse hair loss, chronic urticaria, ringworm, psoriasis, vitiligo; Respiratory diseases including allergic rhinitis, chronic sinusitis, chronic tonsillitis, bronchial asthma and chronic bronchitis.

Collaboration of ayush systems

AYUSH Wellness Clinic is a platform for cross-talk and collaboration between different AYUSH systems of treatment. Cross-referrals are made to achieve better and faster clinical results for the benefit of patients. Several patients have benefitted by integrating: Ayurvedic medicines & Siddha therapies in treatment of Arthritis and Back pain; Homeopathic medicines & Yoga in Bronchial asthma and chronic sinusitis and Unani therapy and Homoeopathic medicines in High Blood Pressure. 

Information, Education & Communication (IEC)

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AYUSH awareness workshops conducted in the year 2015

a. Healthy Kitchen through Ayurveda
b. Naturopathic Diet and Way of Life
c. Simple cure at Home: The Unani way
d. Homeopathy for Child health

AYUSH awareness workshops conducted in the year 2016

a. Ayurveda for Life Style Disorders
b. Use and benefits of Mud Therapy (Naturopathy)
c. Menstrual Hygiene (Unani)
d. Management of Vatha Diseases through Siddha External Therapies
e. Management of Dermatological Disorders in Homeopathy

AYUSH awareness workshops conducted in the year 2017

a. Diabetes: cause, treatment and prevention through Homoeopathy & Yoga
b. Pain management through Varmam Therapy in Siddha
c. Health benefits of Cuptpping Therapy: Unani
d. Preventing and treating Joint diseases through Ayurveda
e. Managing Lifestyle disorders with Naturopathy

The residents attended the workshops in large numbers and benefitted from the health information given to them. The workshop feedback was taken in form of a specially designed feedback form which was filled by 4-5 residents after each workshop.
New initiatives in 2015

Herbal garden

An herbal garden was planned for the clinic with support of the Horticulture department of the President’s Estate. A large number of medicinal plants find place in this aesthetically designed and well maintained Herbal Garden including- Sadabahar (Catharanthus), China rose (Hibiscus rosa-sinensis), ashagandha (Withania somnifera), Alovera (Aloe barbadensis), Shatavari (Asparagus racemosus), Mithi tuls (Ocimum sanctum), Shayama tuls (Ocimum tenuiflorum), Dhatura (Datura stramonium), Ajwain (Trachyspermum ammi), Peepal tree (Ficus religiosa), Hadjod (Cissus quadrangularis), Kacjnar (Bauhinia variegata), Patharchatta (Bryophyllum pinnatum), Pilkhan (Ficus virens), Lemongrass (Cymbopogon), Barh tree (Ficus benghalensis), Curry leaves plant (Murraya koenigii), Neem (Azadiracta indica), hldi (Curcuma longa), Safed musli (Chlorophytum borivilianum) and Pomegranate tree (Punica granatum).

Interactive touch screen Kiosk

An interactive touch screen kiosk was put in the OPD wing of AWC. This unique kiosk was designated to inform the clinic beneficiaries about the different AYUSH systems, their strength and treatment options available. The subject matter was provided by respective research councils and the technical support was provided by NIC.

Skill development and internship programme

Skill Development and Internship Programme was envisioned as a measure to generate awareness of AYUSH therapies and enhance the talent pool in the streams of Ayurveda, Yoga & Naturopathy, Unani and Siddha systems of medicine. The course curriculum was developed by physicians working at the AYUSH Wellness Clinic in collaboration with President’s Secretariat. Along with different therapies done in the AYUSH system of medicine, the curriculum also included basic training in physiotherapy and First-AID. The course was conducted in the AWC premises by First-AID experts from St. John’s ambulance. This unique kiosk was conceptualized as to make the employees more safety aware, spot hazards and potential incidents before they occur. First-AID and CPR training proved to be a great team building exercise. It has given employees the confidence and ability to treat themselves, their family and patients effectively in an incident, injury or illness.

Research publications

A total of 22 research papers have been published till date in peer reviewed indexed journals. Collaborative studies published include the following:

- A case study published on the results of integrating Unani and Ayurveda therapies and Homoeopathic medicine for the management of High Blood pressure.
- Three clinical studies published highlighting collaborative results of combining Homoeopathic medicines & Siddha therapies for Diffuse Hair Loss, Cervical Spondylosis and Frozen Shoulder.

Future prospective

i. Expanding therapy services to accommodate the needs of the patients and give maximum benefit at OPD level.
ii. Furthering the scope of AYUSH awareness workshops by conducting group health talks for smaller gender/age specific groups for better engagement, understanding and patient benefit. For example health talk on menstrual hygiene for pubertal girls, antenatal care for pregnant women and their attendants, managing exam stress for students etc.
iii. Addition of counselling services for patients and their attendants with special focus on mental health.
iv. Starting an AYUSH library facility at the premises which will include general interest books as well as journals on AYUSH system of medicine.

v. Patient feedback form for constant feedback and suggestions from clinic beneficiaries.

vi. Continued focus on publication both individually and as a collaborative team effort by the physicians working at AWC.

Conclusion

AWC is a successful model of patient-centered care and patient empowerment that is being replicated in various government departments nationwide.

Acknowledgements

None.

Conflict of interest

Author declares that there is no conflict of interest.

References
