In the name of God

Role of HTA in prioritization of Health insurance Benefit Package

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M8 Meeting
Kish Island, Islamic Republic of Iran
Using Health Technology Assessment to revise HIBP in Iran

Challenges of Iran’s HIBP

Using Health Technology Assessment to revise HIBP

International Experience in priority setting

Proposed model to revise HIBP
Health Insurance Benefits Package (HIBP) in Iran
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**Health Benefit Packages**

- Governmental resources
- Health Insurance resources

**Type of financing**

- **Type of Package**
  1. Primary health care package
  2. Health Insurance Benefits Package (HIBP)
1. Government Resources

Primary Health Care Packages

• Health prevention & promotion packages e.g. vaccination, screening, child and maternal care, environmental hygiene etc.

• More than 430 medicines

• More than 50 laboratory tests
## Financial support for specific conditions & services

<table>
<thead>
<tr>
<th>Plan/package</th>
<th>explanation</th>
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<tbody>
<tr>
<td>Co-payment reduction for inpatient care in public settings</td>
<td>Decrease from 37% to 10%</td>
</tr>
<tr>
<td>Special diseases package</td>
<td>healthcare services &amp; medicines for patients with M.S, Cancer, Hemophilia, Thalassemia, Renal Failure patients (dialysis), and some Metabolic disorders</td>
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<tr>
<td>Organ transplantation</td>
<td>14 clinical procedures are free of charge</td>
</tr>
<tr>
<td>High-cost medicines package (Tafahom Name)</td>
<td>Reducing coinsurance of patients for 298 medicines</td>
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<tr>
<td>Patients with substance abuse</td>
<td>Some medicines</td>
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<td>NVD promotion</td>
<td>Free of charge normal delivery</td>
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<tr>
<td>Infertility package</td>
<td>Decreasing 85% tariffs of main clinical procedures in treating infertility</td>
</tr>
<tr>
<td>Road Accident package</td>
<td>Persons who were injured in road accidents</td>
</tr>
<tr>
<td>Targeted package for HIV patients</td>
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2. Health Insurance Benefits Package (HIBP) in Iran

- Clinical procedures and medical care: 3685
- Medicines: 2210
- Laboratory diagnostic tests: 796
- Medical devices: 404
- Imaging diagnostic tests: 709
- Dentistry services: 20

87% of registered clinical procedures and medical care
More than 70% of registered medicine in IDL

Health Insurance Benefits Package (HIBP) in Iran

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Health Insurance Benefits Package (HIBP) in Iran

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74% of laboratory diagnostic tests
Health Insurance Benefits Package (HIBP) in Iran

Clinical procedure and medical care = 3685
Medicine = 2210
Laboratory diagnostic tests = 796
Medical devices = 404
Imaging diagnostic tests = 709
Dentistry services = 20

95% of imaging diagnostic tests
Health Insurance Benefits Package (HIBP) in Iran

- **Process of coverage**
  - High Council for Health Insurance (9 members)
    - HTA & Budget impact
      - Medicines coverage committee
      - Clinical procedures & services coverage committee
      - Medical device coverage committee
    - Final confirmation for coverage
    - Health Insurance Benefits Package (HIBP) in Iran
      - Clinical procedures & services coverage committee
      - Medical device coverage committee
      - Secretariat of High Council for Health Insurance
        - Request for coverage
          - Food & Drugs Organisation
          - Pharmaceutical Firms
          - Insurance Organizations
          - Medical Unions & Physicians
          - NGOs
challenges of Iran’s HIBP
challenges of Iran’s HIBP

- Unsystematic process for coverage decisions
- Unclear criteria
- Weak infrastructure to control healthcare costs
- Insufficient financial coverage for high cost medicines
Challenges of Iran’s HIBP

Current HIBP suffers from considerable inefficiency.

Financial resources are unsustainable & limited.

Revising HIBP is necessary.
Health Technology Assessment in Iran
Different sectors are involved in Iran’s HTA program:

- Iran Food and Drug Organisation
- High Council for Health Insurance
- Deputy of Curative Affairs
- National Institute for Health Research (NIHR)

More than 120 HTA reports until 2018 only by NIHR
Two levels of using HTA results for:

- Import of technologies
- Coverage decisions

Main challenge of Iran’s HTA program:
It is not fully supported by the law & regulations
International experience in priority setting
### International Experience in priority setting

#### Transparency

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**Systematic Priority Setting Approach**
Health Technology Assessment

Cost-Effectiveness Analysis (CEA) and League Table

Cost-Effectiveness Analysis and Burden of Disease (CEA/BOD)

Program Budgeting and Marginal Analysis (PBMA)

Accountability for Reasonableness (A4R)

Multi Criteria Decision Analysis Method (MCDA)

Combination methods (such as Evidence-informed deliberative process)

International Experience in priority setting
Proposed model to revise HIBP
Two approaches:

- Service-based approach
- Disease-based approach

Proposed model to revise HIBP
Steps in service-based approach

First round: Reducing the list by category of services

Second round: Reducing the list by scanning scientific evidence

Priority setting of HTA subjects by different methods

Economic evaluation of single service (technology)
Steps in disease-based approach

1. Diseases/health conditions prioritization using different approaches
2. Setting healthcare services sequence
3. Defining care pathways or current mode of practice
4. Economic evaluation of care pathways or Mode of Practice

Proposed model to revise HIBP
Using prioritization methods in coverage policies

- Local evidence (HTA, budget impact, costs, ....)
- Stakeholders involvement
- Expert panels
- Specific method in a clear process (EIDP)
conclusion
• Revising current HIBP is necessary.
• HTA program of Iran is part of this process.
• Different approaches for prioritizing health care services. (disease based or service approaches)
• We need to adopt a systematic & explicit process to revise HIBP
• Combination methods are recommended.
A Technical workshop will be conducted in May 2019 by attending some key international experts on priority setting of healthcare services in Tehran (NIHR) to finalize methods of revising HIBP.
Thank you for attention