Review and Market Trend
- TAIWAN -
Joint 22nd Medicines for Europe and 19th IGBA Annual Conference

Yi-Yun (April) Wang
June 10, 2016

TAIWAN

- Area
  - 36.0 thousand km²
- Population
  - 23.5 millions
- Major health care system
  - National Health Insurance (NHI)
  - Founded in 1995
### NHI Public Satisfaction Ratings

Source: National Health Insurance Annual Report, 2015-2016, National Health Insurance Administration, Ministry of Health and Welfare

### Basic Co-payments for Outpatient Visits

Source: National Health Insurance Annual Report, 2015-2016, National Health Insurance Administration, Ministry of Health and Welfare

<table>
<thead>
<tr>
<th>Institution Class</th>
<th>Basic Co-payments (EUC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Institution</td>
<td>Western Medicine</td>
</tr>
<tr>
<td></td>
<td>With Referral</td>
</tr>
<tr>
<td>Medical Centers</td>
<td>5.83</td>
</tr>
<tr>
<td>Regional Hospitals</td>
<td>3.39</td>
</tr>
<tr>
<td>District Hospitals</td>
<td>1.39</td>
</tr>
<tr>
<td>Clinics</td>
<td>1.39</td>
</tr>
</tbody>
</table>
## Medication Co-payments

<table>
<thead>
<tr>
<th>Drug cost per prescription (NT$)</th>
<th>Drug cost per prescription (EUR)</th>
<th>Co-payment per prescription (EUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 100</td>
<td>Under 2.78</td>
<td>0</td>
</tr>
<tr>
<td>101 ~ 200</td>
<td>2.81 ~ 5.56</td>
<td>0.56</td>
</tr>
<tr>
<td>201 ~ 300</td>
<td>5.58 ~ 8.33</td>
<td>1.11</td>
</tr>
<tr>
<td>301 ~ 400</td>
<td>8.36 ~ 11.11</td>
<td>1.67</td>
</tr>
<tr>
<td>401 ~ 500</td>
<td>11.14 ~ 13.89</td>
<td>2.22</td>
</tr>
<tr>
<td>501 ~ 600</td>
<td>13.92 ~ 16.67</td>
<td>2.78</td>
</tr>
<tr>
<td>601 ~ 700</td>
<td>16.69 ~ 19.44</td>
<td>3.33</td>
</tr>
<tr>
<td>701 ~ 800</td>
<td>19.47 ~ 22.22</td>
<td>3.89</td>
</tr>
<tr>
<td>801 ~ 900</td>
<td>22.25 ~ 25.00</td>
<td>4.44</td>
</tr>
<tr>
<td>901~1,000</td>
<td>25.03 ~ 27.78</td>
<td>5.00</td>
</tr>
<tr>
<td>1,001 and above</td>
<td>27.81 and above</td>
<td>5.56</td>
</tr>
</tbody>
</table>

Source: National Health Insurance Annual Report, 2015-2016, National Health Insurance Administration, Ministry of Health and Welfare

## Medical Points paid by NHIA, 2014

![Bar Chart](chart.png)

NHI Drug Expenditures

Price cut

EU €

Millions

Source: Price Adjustment in the 2nd Generation of NHI, Shang-Ping Chen (Senior Executive Officer, NHIA), Oct 16, 2014, Impact and Future of the Industries from the 2nd Generation NHI Conference held by TOPA, TAIWAN

5 Years Pharma Market Trend in Taiwan

Source: 2015Q4 MAT IMS Data
(1) NHI Regulations

- NHI Drug Dispensing Items and Fee Schedule
  - July 3, 2015
  - April 23, 2015
  - March 10, 2016: Biosimilar Medicines to be included
  - April 22, 2016

- Guidelines of Price Adjustment for NHI Reimbursed Drugs
  - February 4, 2015
  - February 1, 2016
(2) Inauguration of the President of Taiwan

May 20, 2016

(3) Target: Joining TPP

Source: http://taiwantoday.tw/
[DRAFT] Patent Linkage System

Legal Procedure: Patent Litigation/Reexamination

1. Supreme Court
2. IP Court (2nd instance)
3. IP Court (1st instance)
4. Petitions and Appeals Committee, MOEA
5. Taiwan IPO
6. Patent Infringement Litigation/Reexamination

Source: 2nd Public Hearing for the Amendment of the Pharmaceutical Affairs Law, March 31, 2016, Taiwan Food and Drug Administration, Ministry of Health and Welfare

INFORMATION FOR YOUR REFERENCE
10 Leading Causes of Death, 2014


Leading Products

Source: 2015Q4 MAT IMS Data

Exchange rate  NT$ : EUR = 36 : 1
Therapeutic Class Profile

- Protein Kinase Inhibitor Antineoplastics
- Cholesterol and Triglyceride Regulating Preparations
- Non-Antineoplastics
- Antivirals, excluding Anti-HIV Products
- Antipsychotics
- Human Immunodeficiency Virus Antivirals
- Blood Coagulation
- DPP-IV Inhibitor Anti-Diabetes
- Antimetabolites
- Other Immunomodulators

Leading Pharmaceutical Manufacturers

- PFIZER
- NOVARTIS
- ROCHE
- SANOFI
- MERCK SHARPA DOHME
- ASTRAZENECA
- GLAXOSMITHKLINE
- BAYER
- LILLY
- SANSSEN-CILAG
- BRISTOL-MySQUIBB
- BOEHRINGER ING
- YUNG SHIN
- T.C.C.P.C
- TAKEDA
- BAXTER HEALTHCARE
- NOVO NORDISK
- ASTELLAS PHARMA
- ABIVIE
- TONG YANG

Source: 2015Q4 MAT IMS Data
THANKS FOR YOUR ATTENTION!

Yi-Yun (April) Wang
Email: aprilwang@tgpa.org.tw
Website: www.tgpa.org.tw