

METHODOLOGY

Best Specialized Hospitals Asia Pacific 2023



Methodology – Best Specialized Hospitals Asia Pacific 2023

Summary of the project

- The Asia-Pacific (APAC) region has become the fastest-growing destination for healthcare investment^(1,2). In recent years, hospitals in the APAC region are thriving on increasing specialization⁽³⁾ and technological advances⁽⁴⁾ in key medical fields.
- To provide patients with a comprehensive resource for informed decision making, Statista and Newsweek have partnered for the first time to award the leading hospitals in the **APAC region**, encompassing the countries Australia, India, Indonesia, Japan, Malaysia, Singapore, South Korea, Taiwan and Thailand.
- The ranking awards hospitals in six medical fields: **Cardiology, Endocrinology, Neurology, Oncology, Orthopedics and Pediatrics**.
- List lengths vary between these six medical fields: top 100 hospitals for Cardiology, top 75 hospitals for Endocrinology, Neurology, Oncology and Pediatrics and top 50 hospitals for Orthopedics.
- The underlying data analysis is based on **two data sources**:
 1. **International online survey**: During the survey period from February to March 2023, over 8,000 medical professionals (e.g., medical doctors, nurses, physician assistants, therapists) and staff working in the management/administration in the respective countries were invited to an online survey in cooperation with Newsweek. The survey was also promoted on newsweek.com.
 2. **Certifications**: Based on the Joint Commission International (JCI), certifications for the respective specialties were considered.
- In fall/winter of 2022, Newsweek and Statista conducted a voluntary PROMs implementation survey to account for the increasing importance of **Patient Reported Outcome Measures (PROMs)**. Hospitals which participated in the PROMs implementation survey were highlighted in the result tables. Future survey cycles will be announced on newsweek.com. **Pre-registration** is available [here](#).
- Hospitals specializing in multiple medical fields received specific recommendation scores for each respective medical field. Therefore, one hospital can be represented in more than one list if it receives enough recommendations in each medical field.

Several countries from the Asia-Pacific region were included in the survey

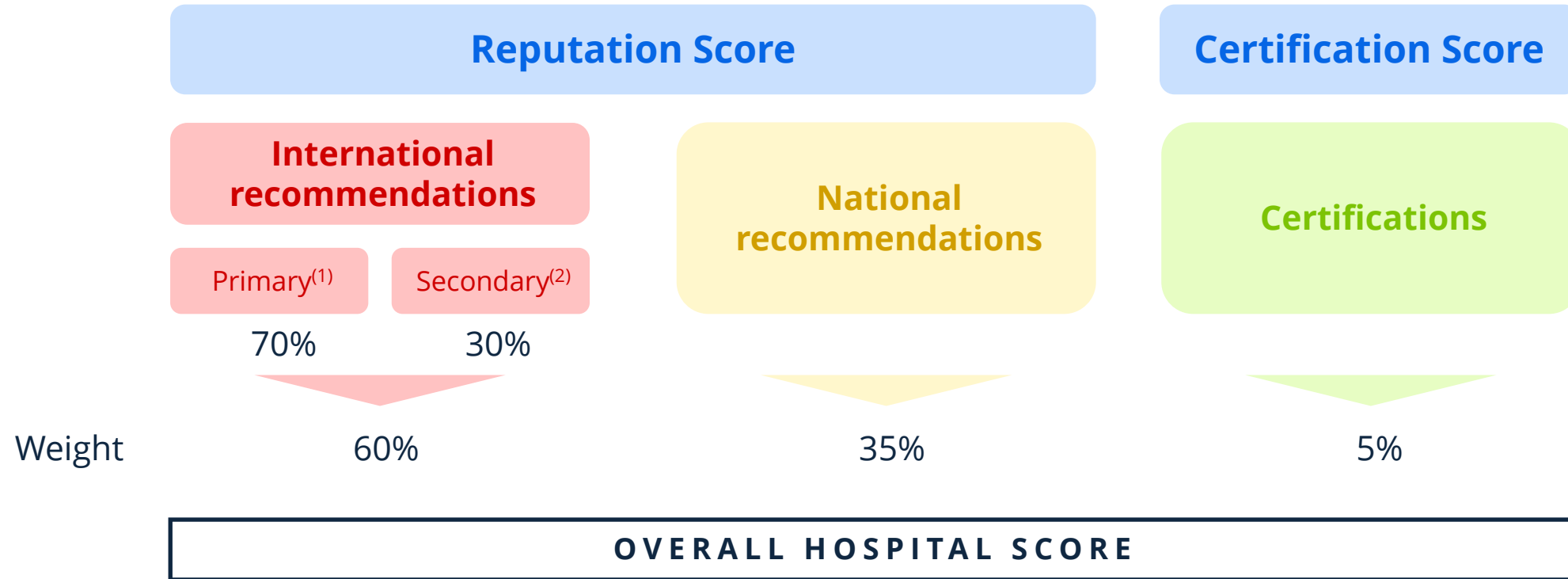
Geographical distribution

- The highlighted countries were selected based on a variety of factors such as the health care system, population size and economic stability.
- The following nine countries were included in the survey for this edition:
 - **Australia**
 - **India**
 - **Indonesia**
 - **Japan**
 - **Malaysia**
 - **Singapore**
 - **South Korea**
 - **Taiwan**
 - **Thailand**



A score was calculated for each hospital

Scoring model

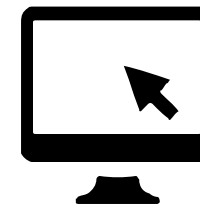


Primary recommendations from peers (medical and other health care professionals) account for 70% of the international recommendations score. Secondary recommendations (from peers with knowledge in more than one medical field) have a weight of 30% towards the international recommendations score.

Thousands of medical experts were invited to the survey

From February to March 2023, Newsweek and Statista invited over 8,000 health care professionals from the Asia-Pacific region to participate in online surveys that allowed them to recommend and assess various hospitals in six medical fields

International recommendations / **national recommendations**



International online survey among health care professionals in the designated countries in the APAC region. Participants were invited to an online survey in cooperation with Newsweek.

Participants were asked to recommend hospitals in **their own field of expertise** and were able to recommend hospitals in a secondary field. Participants were asked to recommend hospitals in their own country as well as international. Recommendations for own employer/hospital were not allowed.

Analysis of **primary and secondary recommendations** of the 6 medical fields. A score was assigned to each hospital based on the number of weighted recommendations.

REPUTATION SCORE

Certifications were used as an additional element of the scoring model

Methodology: Certifications



Certifications

- Several **Joint Commission International (JCI)** certifications, relevant to specific medical fields, were included in the scoring analysis.
- The following JCI certifications were considered⁽¹⁾:
 - Acute Coronary Syndrome
 - Acute Myocardial Infarction (AMI)
 - Breast Cancer
 - Heart Failure
 - Hip Replacement
 - Knee Replacement
 - Primary Stroke
 - Traumatic Brain Injury
- Hospitals received **5% towards their total score** if they had a JCI certification

CERTIFICATION SCORE

Participation in the PROMs implementation survey is displayed for participating hospitals

Methodology: PROMs implementation survey



PROMs implementation survey

- **Patient Reported Outcome Measures (PROMs)** are defined as standardized, validated questionnaires completed by patients to measure their perception of their functional well-being and quality of life.
- In fall/winter of 2022, Newsweek and Statista conducted a **voluntary PROMs implementation survey** to determine the status quo of PROMs implementation, audits and reporting of the data, and whether the PROMs data is used to optimize the care process and support therapeutic decisions in real-time.
- The aim is to include a PROMS implementation score in the scoring model in the next edition of the project.
- In this edition, hospitals which participated in the PROMs implementation survey were highlighted in the result tables.
- **Future survey cycles** will be announced on newsweek.com. **Pre-registration** is available [here](#).
- A sample PROMs implementation questionnaire can be accessed [here](#).

PARTICIPATION IN PROMS IMPLEMENTATION SURVEY DISPLAYED IN RESULT TABLES

The top hospitals in each medical field were awarded

Final ranking by medical field

Cardiology

Rank	Hospital	City	Country
1	Asan Medical Center	Seoul	South Korea
2	National Cerebral and Cardiovascular Center	Suita	Japan
3	The National Heart Centre Singapore (NHCS)	Singapore	Singapore
4	Samsung Medical Center	Seoul	South Korea
5	Seoul National University Hospital	Seoul	South Korea

[...]

Neurology

Rank	Hospital	City	Country
1	Juntendo University Hospital	Tokyo	Japan
2	The University of Tokyo Hospital	Tokyo	Japan
3	Asan Medical Center	Seoul	South Korea
4	Royal Melbourne Hospital - Parkville	Melbourne	Australia
5	Seoul National University Hospital	Seoul	South Korea

[...]

LEADING HOSPITALS WERE AWARDED IN EACH SPECIALTY

Best Specialized Hospitals Asia Pacific partner network

Overview of involved parties

Newsweek

About Newsweek

Newsweek is a premier news magazine and website that has been bringing high-quality journalism to readers around the globe for over 80 years.

Newsweek provides the latest news, in-depth analysis and ideas about international issues, technology, business, culture and politics. In addition to its online and mobile presence, Newsweek publishes weekly English print editions in the United States, Europe/Middle East/Africa and Asia as well as editions in Japanese, Korean, Polish, Serbian and Spanish.

[newsweek.com](https://www.newsweek.com)

statista

About Statista R

Statista R is a world leader in the creation of company, brand, and product rankings, based on comprehensive market research and data analysis.

With a team of over 100 expert analysts and partnerships with more than 50 media publications across all continents, Statista creates transparency for consumers and helps companies build trust and recognition across a plethora of industries and product categories.

Please visit r.statista.com for further information about Statista R and our rankings.

r.statista.com

Disclaimer

The rankings are comprised exclusively of hospitals that are eligible regarding the scope described in this document. The ranking is the result of an elaborate process which, due to the interval of data-collection and analysis, is a reflection of the last 12 months. Furthermore, events preceding or following the period May 3, 2022 – May 3, 2023, and/or pertaining to individual persons affiliated/associated to the facilities were not included in the metrics. As such, the results of this ranking should not be used as the sole source of information for future deliberations.

The information provided in this ranking should be considered in conjunction with other available information about hospitals or, if possible, accompanied by a visit to a facility. The quality of hospitals that are not included in the rankings is not disputed.