

METHODOLOGY

Best Specialized Hospitals Asia Pacific 2024



Methodology – Best Specialized Hospitals Asia Pacific 2024

Summary of the project

- The 2nd edition of **Best Specialized Hospitals Asia Pacific** ranking awards 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 nine medical fields: **Cardiac Surgery, Cardiology Endocrinology, Neurology, Neurosurgery, Oncology, Orthopedics, Pediatrics and Pulmonology.**
- List lengths vary between these nine medical fields: top 100 hospitals for Cardiology, Oncology and Pediatrics, and top 75 hospitals for Cardiac Surgery, Endocrinology, Neurology, Neurosurgery, Orthopedics and Pulmonology.
- The evaluation is based on three pillars:
 - **International online survey:** During the survey period from February to April 2024, 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.
 - **Certifications:** Based on the Joint Commission International (JCI¹), certifications for the respective specialties were considered.
 - **Statista PROMS Implementation survey:** In October to December 2023, Newsweek and Statista conducted a voluntary PROMs Implementation survey to account for the increasing importance of Patient Reported Outcome Measures (PROMs) in hospitals worldwide. Participation was optional and hospitals with validated survey submissions received a PROMs implementation score.
- 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.

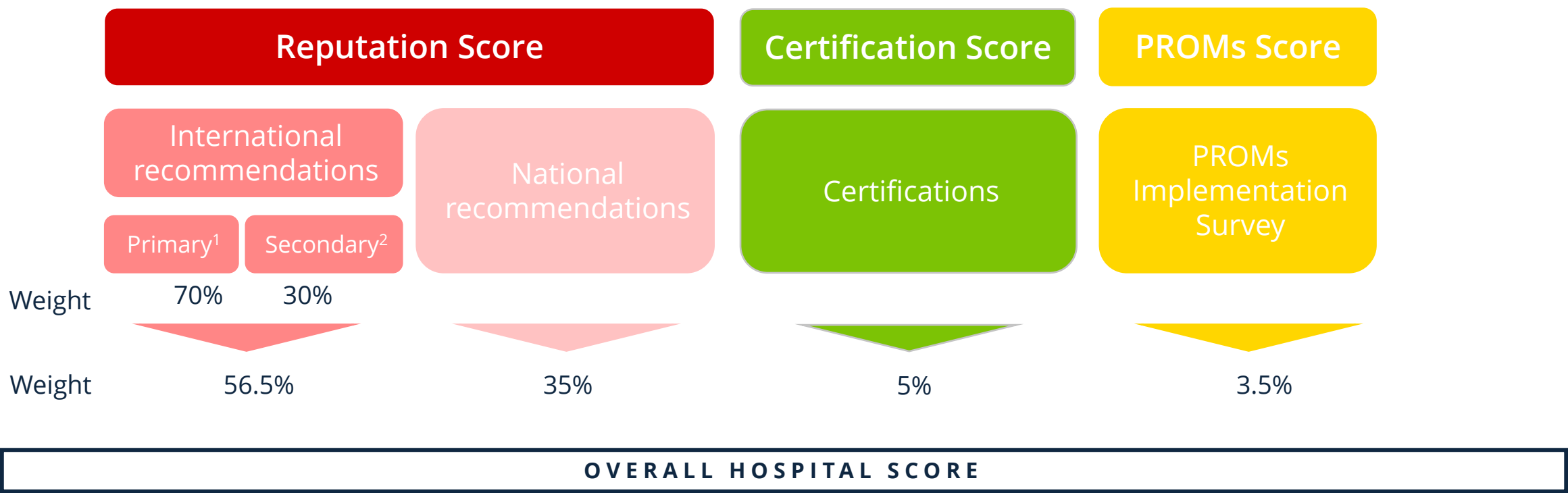
New features and changes in the 2024 edition

The following list provides a brief overview of the major changes in this year's edition compared to the Best Specialized Hospitals Asia Pacific 2023 ranking:

- **New specialty fields introduced:** Cardiac Surgery, Neurosurgery and Pulmonology.
- **Increased number of award-winning hospitals in 3 specialties:** From 50 to 75 in Orthopedics, and from 75 to 100 in Oncology and Pediatrics.
- **Additional JCI certifications considered:** Five new JCI certifications were added to the eight certifications already considered last year: Acute Ischemic Stroke, Childhood Asthma, Diabetes Mellitus, Diabetes Type II, Low Back Pain.
- **Statista PROMS Implementation survey :** The PROMs implementation score has been included in the scoring model for hospitals who submitted and validated the optional Statista PROMS implementation survey during the last survey cycle in October to December 2023.

A score was calculated for each hospital

A score was calculated for each hospital based on the 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.

(1) Recommendations from peers for primary medical field
(2) Recommendations from peers for secondary medical field

Thousands of medical experts were invited to the survey

Methodology: Reputation score

1 Hospital recommendation from peers

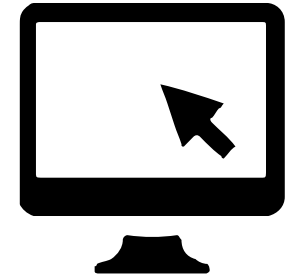
From February to April 2024, Newsweek and Statista invited health care professionals from the Asia-Pacific region to participate in online surveys that allowed them to recommend and assess various hospitals in nine medical fields.



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 9 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: Certification score

2 Certifications

- Several **Joint Commission International (JCI¹)** certifications, relevant to specific medical fields, were included in the scoring analysis.
- The following JCI certifications were considered in this edition:
 - Acute Coronary Syndrome
 - Acute Ischemic Stroke²
 - Acute Myocardial Infarction (AMI)
 - Breast Cancer
 - Childhood Asthma²
 - Diabetes Mellitus²
 - Diabetes Type II²
 - Heart Failure
 - Hip Replacement
 - Knee Replacement
 - Low Back Pain²
 - Primary Stroke
 - Traumatic Brain Injury
- Hospitals received **5% towards their total score** if they had a JCI certification.

CERTIFICATION SCORE

The optional Statista PROMs implementation survey collects data directly from hospitals

Methodology: Statista PROMs implementation survey

3 Statista PROMs implementation survey

- For the first time, a **PROMs implementation score** has been included in the scoring model of the Best Specialized Hospitals Asia Pacific project.
- **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.
- **Survey cycle:** In fall/winter of 2023, Newsweek and Statista conducted the **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 care process and support therapeutic decisions in real-time.
- This year, Statista has partnered with the **International Consortium for Health Outcomes Measurement** (ICHOM, www.ichom.org) as a knowledge partner. ICHOM is the world's leading non-profit organization dedicated to development of standardized measurement of patient-important outcomes (including PROMs) as a basis for driving value-based health care. ICHOM is contributing to the future development of the PROMs implementation survey, in a manner that can drive not only measurement but use of the data from PROMs (and other patient-important outcomes) to advance value based healthcare.
- A **grading system** for the different questions was built to determine a **PROMs implementation score** for each participating hospital. Only hospitals which achieved a minimum of 50% (of the maximum 100% score) were eligible to be graded and received a maximum of up to 3.5% towards the total score.
- Future survey cycles will be announced on r.statista.com, newsweek.com and via e-mail to registered participants. Registrations can be submitted to: hospitals@statista.com.

SCORE FOR PROMS IMPLEMENTATION

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	Seoul National University Hospital	Seoul	South Korea
5	Samsung Medical Center	Seoul	South Korea

[...]

Neurology

Rank	Hospital	City	Country
1	The University of Tokyo Hospital	Bunkyo	Japan
2	Asan Medical Center	Seoul	South Korea
3	Juntendo University Hospital	Bunkyo	Japan
4	The Royal Melbourne Hospital – Parkville	Parkville	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

The Newsweek logo, featuring the word "Newsweek" in white, bold, sans-serif font on a red rectangular background.

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)

The Statista R logo, featuring the word "statista" in a dark blue, lowercase, sans-serif font, followed by a large, stylized orange "R" inside a circle.

About Statista R

Statista R is a world leader in the creation of company, brand, and product rankings and top lists, based on comprehensive market research and data analysis: Statista R recognizes the best. With a team of over 100 expert analysts and in cooperation with more than 40 high profile media brands across all continents, Statista R creates transparency for consumers and business decision makers and helps companies build trust and recognition across a plethora of industries and product categories. Visit [r.statista.com](https://www.r.statista.com) for further information about Statista R and our rankings.

Statista R is a division of Statista. The leading data and business intelligence portal provides an extensive collection of statistics, reports, and insights on over 80,000 topics from 22,500 sources in 170 industries. Find out more at [statista.com](https://www.statista.com).

The ICHOM logo, featuring the letters "ICHOM" in a bold, green, sans-serif font.

About ICHOM

The International Consortium for Health Outcomes Measurement (ICHOM, www.ichom.org) is the leading non-profit dedicated to transforming healthcare by focusing on what truly matters to patients. They accomplish this by empowering patient and clinical leaders to standardize important clinical, quality of life, function and experience results for health care, and enabling transparent large-scale use to achieve patient-centric health system transformation. ICHOM's standardized 'sets' of patient-centred outcomes measures help all actors in healthcare design, deliver and evaluate care based on outcomes that matter to patients. To date, ICHOM has developed 45 outcome measure sets for conditions. The sets are available in IT-ready interoperable formats and have been implemented in 500+ care settings in 42+ countries.

The Statista logo, featuring the word "statista" in a dark blue, lowercase, sans-serif font, followed by a dark blue square icon with a white stylized "S" shape inside.

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 April 30, 2023 – April 30, 2024, 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.