

METHODOLOGY

World's Best Specialized Hospitals 2024



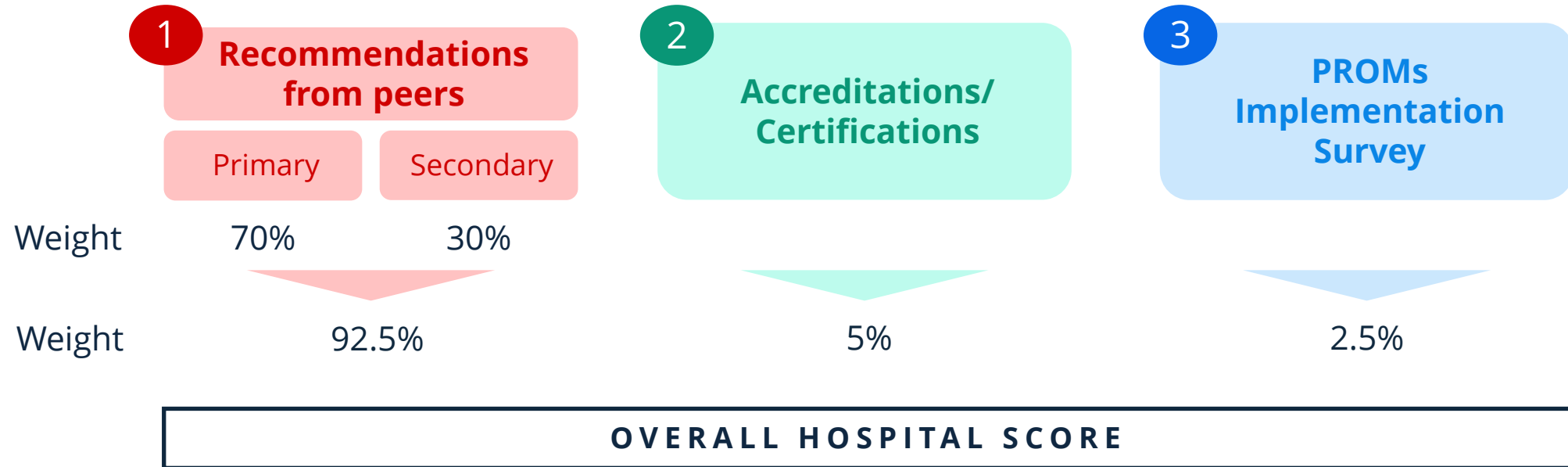
Methodology – World's Best Specialized Hospitals 2024

Summary of the project

- The **World's Best Specialized Hospitals 2024** ranking awards the leading hospitals worldwide in 12 medical fields: **Cardiac Surgery, Cardiology, Endocrinology, Gastroenterology, Neurology, Neurosurgery, Oncology, Orthopedics, Pediatrics, Pulmonology, Urology and (for the first time) Obstetrics & Gynecology.**
- The lists are based on a global survey, to which tens of thousands medical professionals (doctors, health care professionals and hospital managers) were invited.
- The ranking features the top 300 hospitals for Cardiology and Oncology, the top 250 for Pediatrics, the top 150 for Cardiac Surgery, Endocrinology, and Gastroenterology, the top 125 for Neurology, Neurosurgery, Orthopedics, Pulmonology, and Urology and the top 100 for Obstetrics & Gynecology.
- The list is based on three data sources:
 1. **Worldwide online survey:** During the survey period from June to July 2023, tens of thousands of experts were invited to an online survey in cooperation with Newsweek. Participants were asked to recommend hospitals based on their expertise in one primary medical field (e.g. Cardiology for Cardiologists) and were able to choose an optional secondary area of expertise in which they are also knowledgeable (e.g. due to frequent cooperation with other medical fields).
 2. **Accreditation data:** Several accreditations/certifications have been analyzed (where available). Accreditations/certifications reflect a range of structural and/or quality requirements which are now relevant for the specialized rankings.
 3. **PROMS Implementation Survey:** 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 survey received a PROMs implementation score.
- Participants had the opportunity to name a **standout specialty** for the list of Pediatrics. The categories were: Cardiology, Cardiac Surgery, Endocrinology, Gastroenterology, Oncology, Neurology, Neurosurgery, Neonatology, Oncology, Orthopedics and Urology.

A score was calculated for each hospital

Scoring model



Primary recommendations from experts in each medical field account for 70% of each hospital's preliminary reputation score. Secondary recommendations from medical professionals with knowledge in more than one medical field received a weight of 30% towards the preliminary reputation score.

Tens of thousands medical experts were invited to the survey

1 Hospital recommendations from experts in the medical field

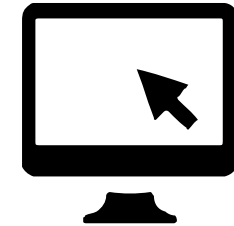
From June to July 2023 Statista, invited tens of thousands of medical professionals (mostly doctors, but also hospital managers and other healthcare professionals) in over 30 countries to an online survey. The survey was also promoted on newsweek.com.



International online survey among healthcare professionals in over 30 countries. 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 of a secondary field. Recommendations for own employer/hospital were not allowed.



Analysis of **primary and secondary recommendations** for each of the 12 medical fields. A score was assigned to each facility based on the number of weighted recommendations. Additionally, the professional experience of the participant was considered.

REPUTATION SCORE

Accreditations and certifications were used as an additional element of the scoring model

2 Accreditation/Certification Score

- Several **accreditations/certifications** were included in the scoring analysis (where available).
- The following accreditations/certifications reflect a range of structural and/or quality requirements which are now relevant for the specialized rankings:
 - **CARF International** (Commission on Accreditation of Rehabilitation Facilities)
 - **IAC** (Intersocietal Accreditation Commission)
 - **JCI** (Joint Commission International)
 - **FACT** (Foundation for the Accreditation of Cellular Therapy)
- In addition to general hospital certifications, available accreditations/certifications relevant to specific medical fields (e.g. Pediatric Specialty Program for Pediatrics, Brain Injury Specialty Program for Neurology) were used.

ACCREDITATIONS/CERTIFICATIONS ACCOUNT FOR 5% OF THE TOTAL SCORE

Results from the PROMs Implementation survey were included in the scoring model

3 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 2023, 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.
- A PROMs Implementation score was included in the scoring model of the project.
- In cooperation with the expert panel, a grading system for the different questions was built to determine a PROMS Score. Only hospitals which achieved a minimum of 50% (of the maximum 100% score) were eligible to be graded on the PROMs Implementation Score curve.
- **Future cycles** will be announced on newsweek.com and via e-mail to preregistered participants.
- **Pre-registration** is available [here](#).
- A sample PROMs Implementation questionnaire can be accessed [here](#).

THE PROMS IMPLEMENTATION SURVEY CONSTITUTES 2.5% OF THE TOTAL SCORE

The top hospitals in each medical field were awarded

Final ranking by medical field

Oncology

Rank	Hospital	City	Country
1	MD Anderson Cancer Center	Houston	United States
2	Memorial Sloan Kettering Cancer Center	New York	United States
3	Mayo Clinic - Rochester	Rochester	United States
4	Institut Gustave Roussy	Villejuif	France
5	Samsung Medical Center	Seoul	South Korea

[...]

Cardiology

Rank	Hospital	City	Country
1	Mayo Clinic - Rochester	Rochester	United States
2	Cleveland Clinic	Cleveland	United States
3	The John Hopkins Hospital	Baltimore	United States
4	The Mount Sinai Hospital	New York	United States
5	Massachusetts General Hospital	Boston	United States

[...]

LEADING HOSPITALS WERE AWARDED IN EACH SPECIALTY

World's Best Specialized Hospitals 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)

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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.

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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 August 2nd, 2022 – August 1st, 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. Please note that data are subject to change and may be affected by continuing differences among states in abortion laws. The quality of hospitals that are not included in the rankings is not disputed.