

Turnaround time of Ultrasound examination in Radiology Department: A Descriptive Study

About the organisation

Cloudnine group of hospitals was set up in 2007 by the renowned Neonatologist **Dr. R. Kishore Kumar – Chairman**. Cloudnine has pioneered and transformed society's perception from 'Pregnancy Is Illness' to 'Pregnancy Is Wellness and a Celebration of Life'.

SWOT ANALYSIS

Strength

- Expertise in maternal and child health
- Advanced medical equipment and technology
- Strong network with referral hospitals

Weakness

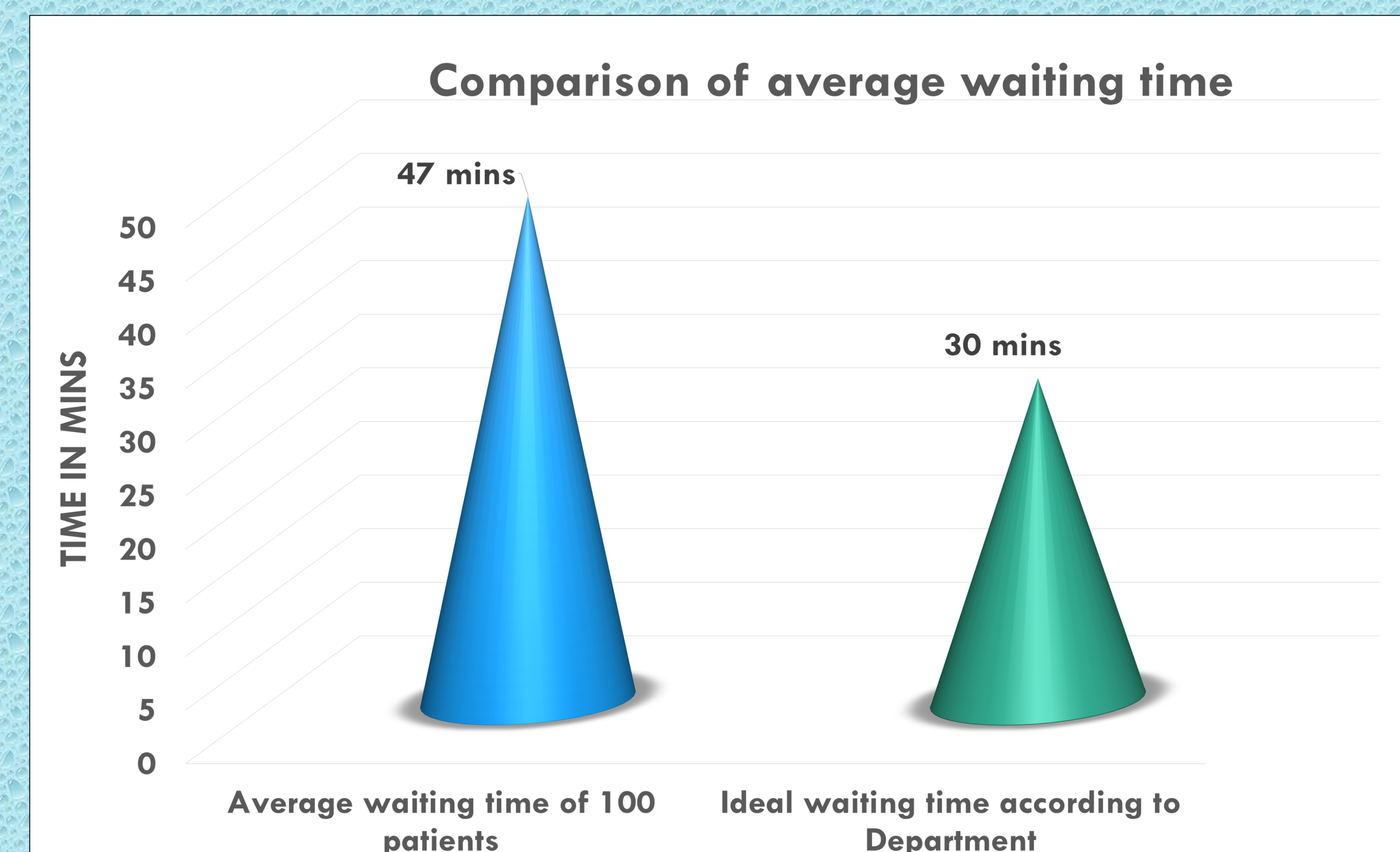
- Shortage of staff and high turnover rates
- Inadequate training and education for staff
- Lack of inter department communication

Opportunity

- Increasing demand for maternity services with an aging population
- Expansion opportunities through partnerships or acquisitions

Threats

- Competitive Market
- Economic Challenges



METHODOLOGY

Study Design:

- Observational, descriptive study

Study period :

- May 15, 2023 – June 10, 2023

Sample Technique:

- Purposive sampling

Department:

- Radiology

Sample size:

- 100

Inclusion Criteria

- All OPD patients coming for ultrasound examination.

Exclusion criteria:

- All IPD patients and emergency patients.



Study Objective

To determine the average waiting time for patients seeking ultrasound examinations in the USG department

To identify factors that contribute to longer waiting times.

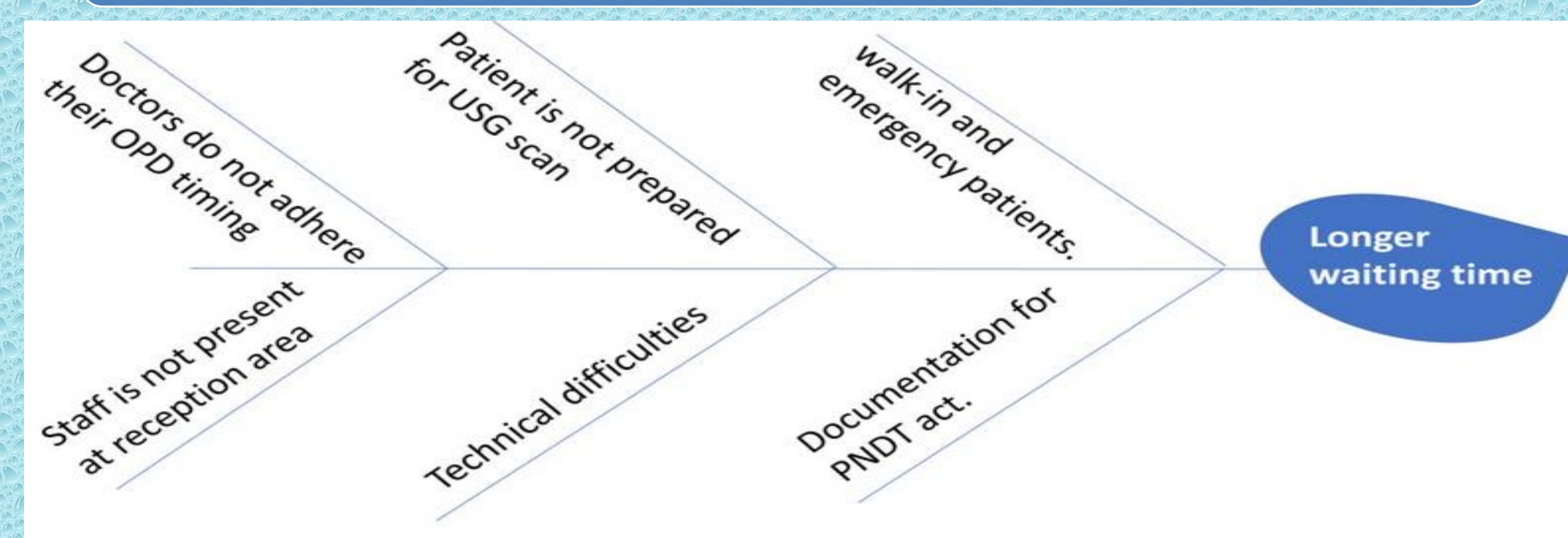
To find out the solution for longer waiting time in radiology department

What is waiting time



Waiting time in a hospital refers to the duration a patient spends waiting for various healthcare services, including consultations, tests, treatments, or admission.

REASONS FOR DELAY



PRACTICAL EXPOSURE VS THEORETICAL UNDERSTANDING

THEORETICAL UNDERSTANDING

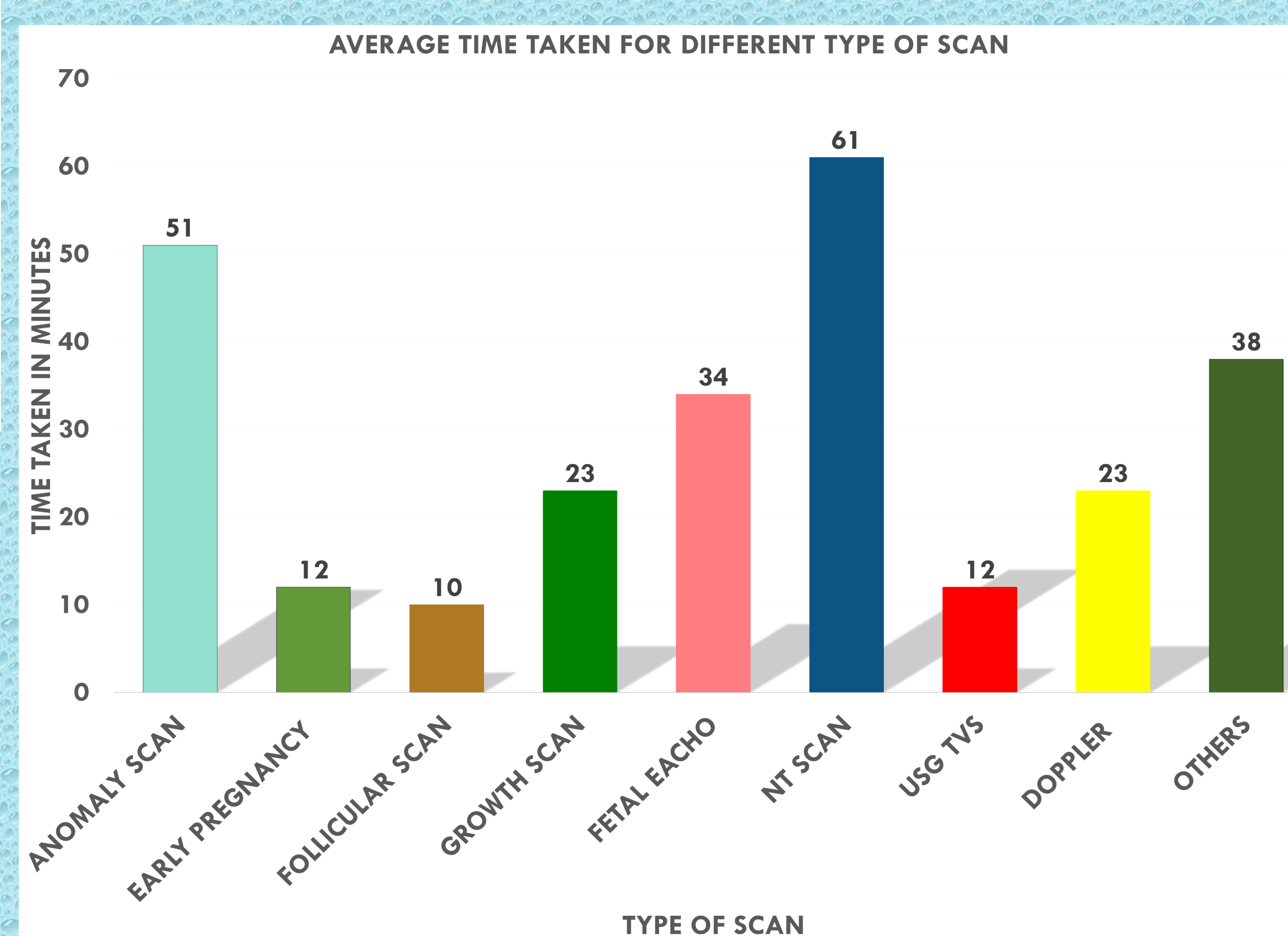
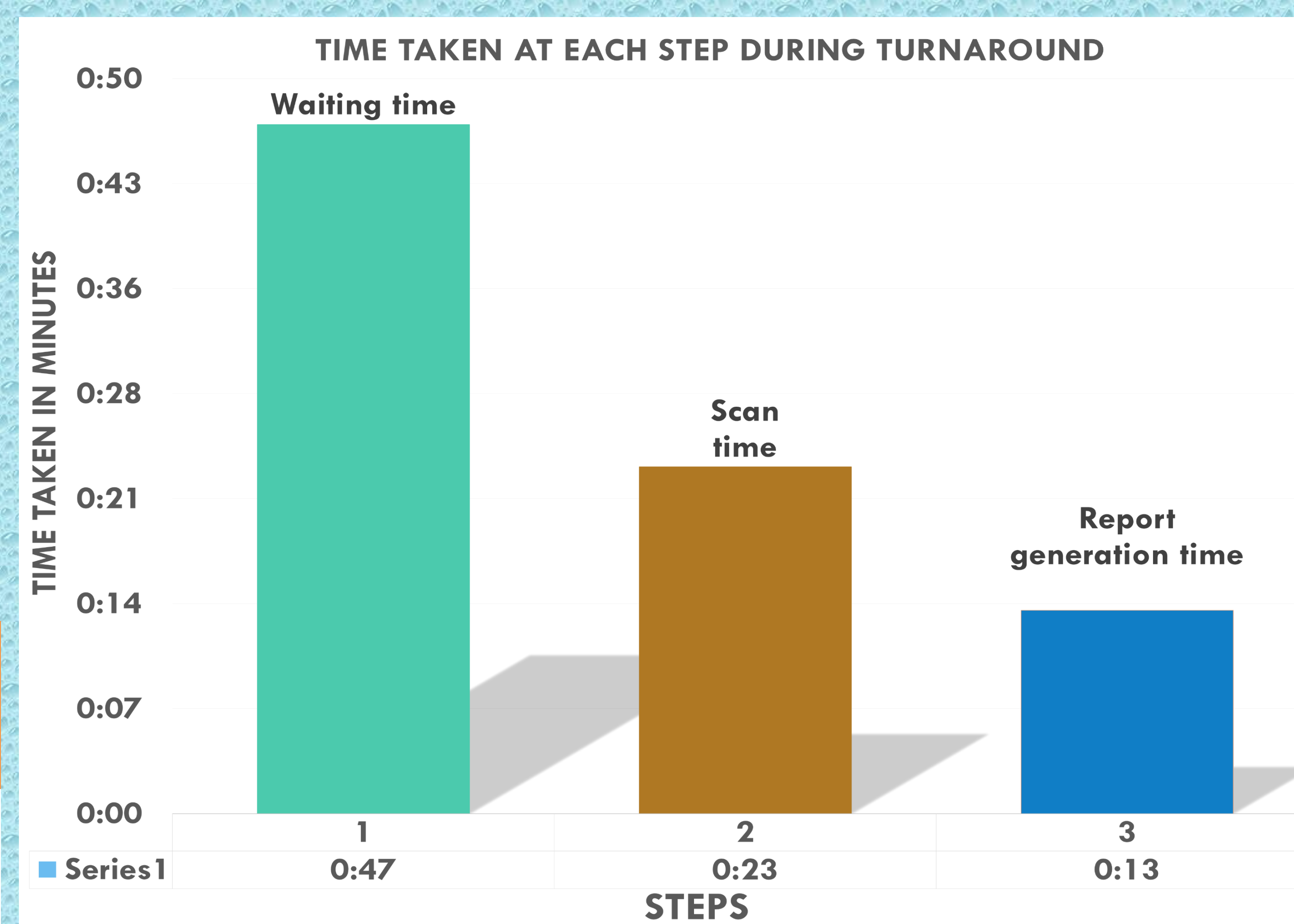
Theoretical knowledge encompasses concepts, principles, and ideas, providing a foundation for understanding and exploring the world.

PRACTICAL EXPOSURE

Practical exposure provides a deeper understanding of the day-to-day operations, workflows, and dynamics within a healthcare setting.

LEARNINGS AND VALUE ADDITION:

- Helps to understand real world job experience.
- Improved skills and communication.
- Greater sense of professionalism.



Usefulness of internship

- Building network
- Learn the importance of teamwork
- Dealing with patient

CHALLENGES FACED DURING INTERNSHIP:

- Accessibility to the software used by hospital.
- Adapting to the fast-paced environment.
- Interaction with staff for my project work

RECOMMENDATIONS

1. Information about the procedure should be given to patients and patient should be prepared before the scan to reduce the redoes.
2. Scans which are less time taking can be taken in between the scans to reduce the waiting time.
3. Doctors should be counseled to adhere the OPD timings.
4. Staff should always be present at the reception area so that patient doesn't have to wait unnecessarily.
5. While taking the appointments of pregnant patients, they should be told to carry the necessary documents required for PNDT Act.

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