

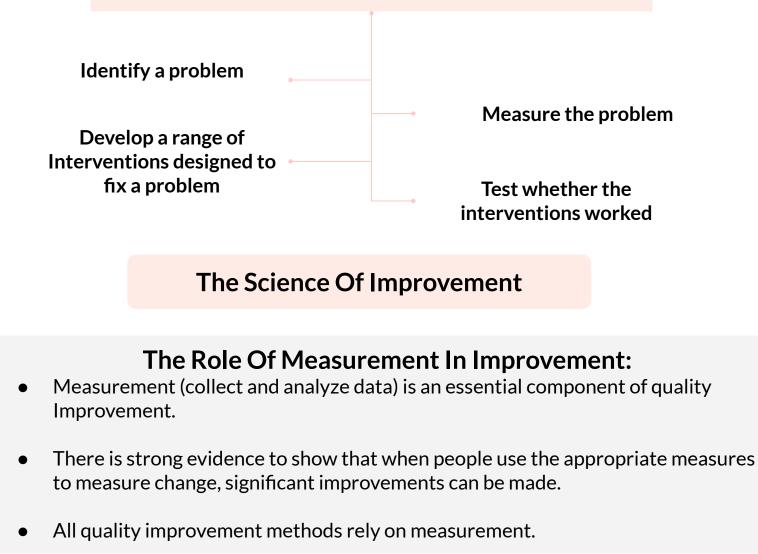
Using Quality Improvement Methods to Improve Care

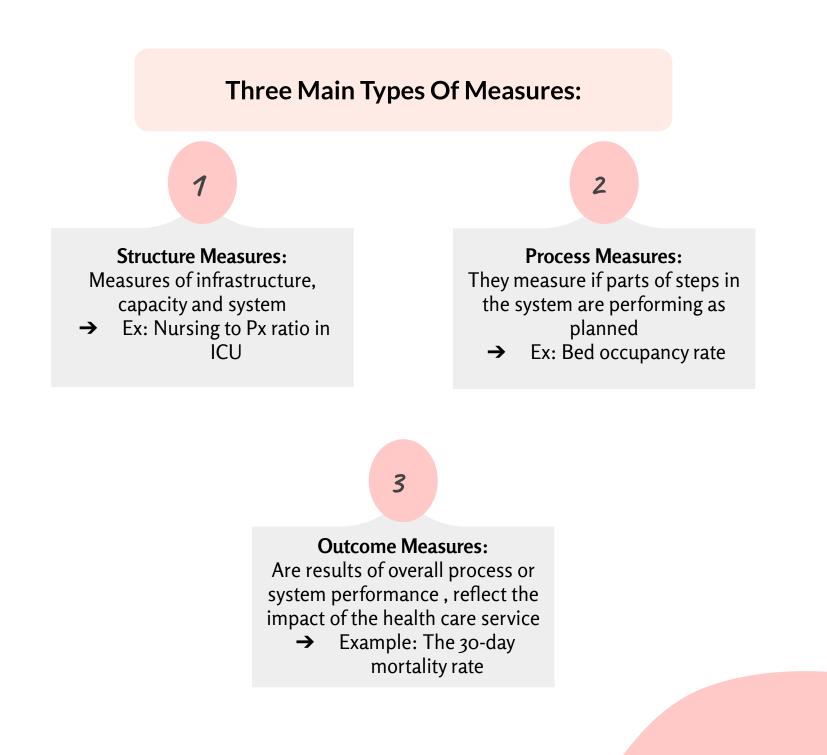
Objectives:

- 1. To describe the principles of quality improvement.
- 2. To introduce the basic methods and tools for improving the quality of health care.
- 3. To understand the benefits of using quality improvement methods.
- 4. To apply the principles and use the tools to undertake their own improvement project.



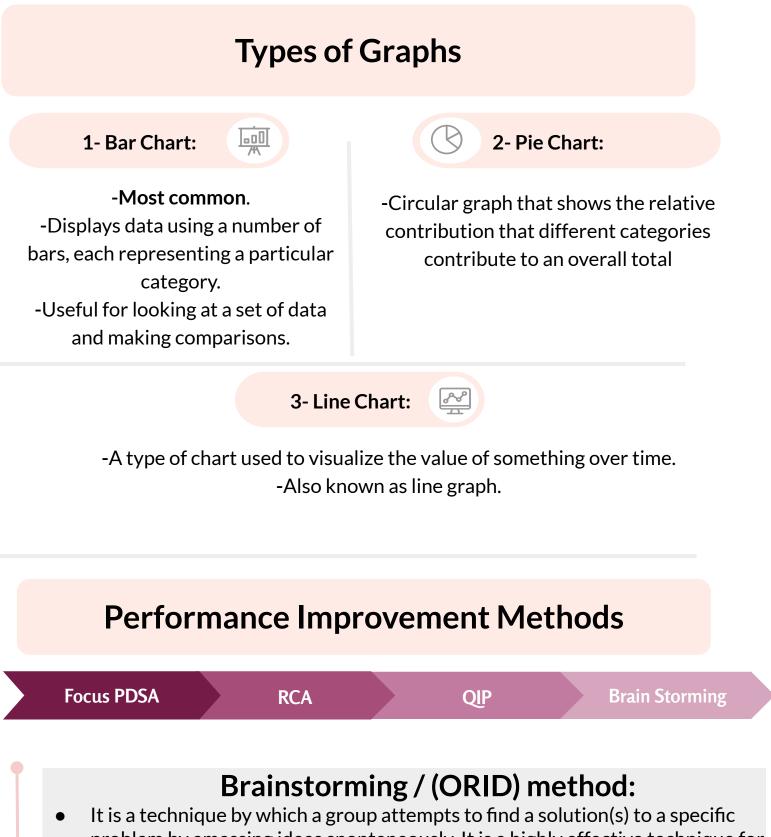
The Purpose Of Quality Improvement Methods :





Picturing The Data:

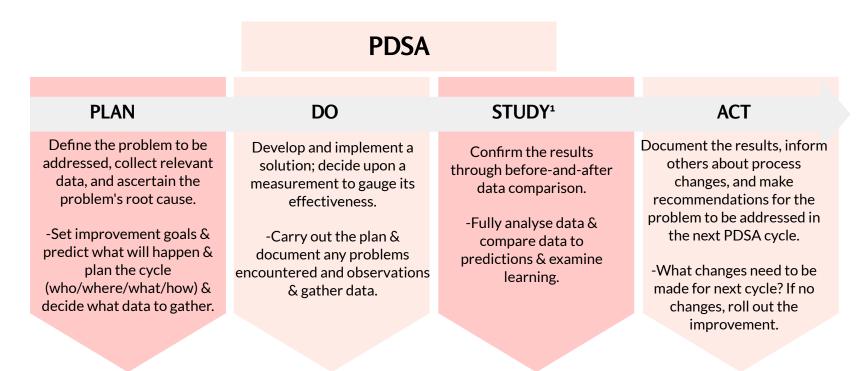
There are many valuable tools for interpreting and presenting data eg. Bar chart, Pie chart & Line chart.



problem by amassing ideas spontaneously. It is a highly effective technique for maximizing group creative potential.

Plan-Do-Study-Act-Cycle / IHI Model:

- The IHI (Institute for Healthcare Improvement) model has two parts:
- Three fundamental questions, which can be addressed in any order.
- The PDSA cycle to test and implement changes in real work settings—the PDSA cycle guides the test of a change to determine if the change is an improvement.



Root Cause Analysis (RCA) / (ishikawa or fishbone):

It is a defined process that seeks to explore all of the possible factors associated with an incident by asking what happened, why it occurred and what can be done to prevent it from happening again. It is a tool for solving problems & the diagram is used to explore and display the possible causes of a certain effect.

An effective root cause analysis requires the following components: 1) Multidisciplinary team 2) The team develops a problem statement

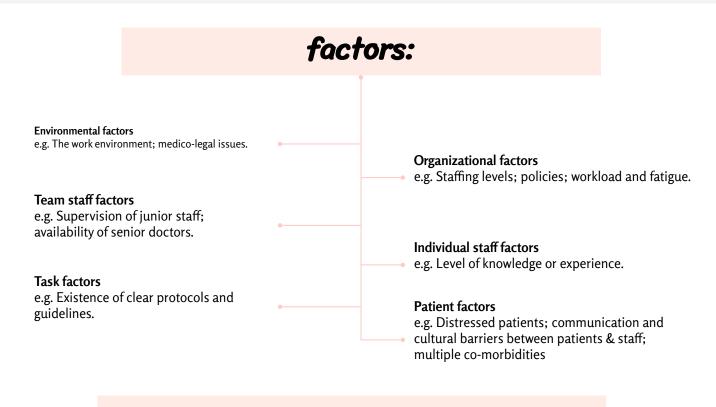
Root Cause Analysis Cont.

Root cause analysis effort is directed towards finding out what happened by:

Site visit — to examine the equipment, the surroundings and observe the relationships of the relevant staff.

Documentation and review – medical records, incident forms, hospitals guidelines, literature review.

Establishing the contributing factors or root causes are accomplished through a brainstorming process of all possible factors:



Quality Improvement Plan (QIP):

It is a detailed work plan intended to enhance an organization's quality in a specific area. It includes essential information about how your organization will design, implement, manage, and assess quality

Leaders

Abdulaziz Alrabiah

Nourah Alklaib

Members

Abdulaziz Alderaywsh

Abdulaziz Alomar

Abdullah alhumimidi

Abdulrhman Alsuhaibany

Abeer Alawwad

Alaa Alsulami

Alia Zawawi

Arwa alqahtani

Dana Naibulharam

Faisal alosaimi

Ghada Alothman

Haya Alanazi

May Barakah

Mohammed Beyari

Noura Alkathiri

Raed Alnutaifi

Raghad alasiri

Raghad Soaeed

Rand AlRefaei

Sarah Almuqati

Sarah AlQuwayz

Shayma Alghanoum

Yasmine alqarni