

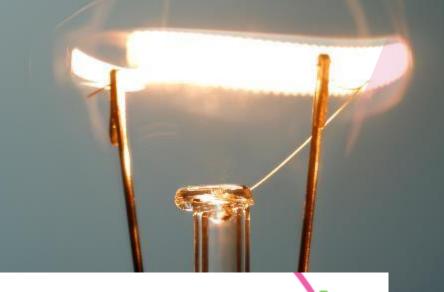
QUALITY

"We have two jobs: our job and the job of improving our job"

Donald Berwick

Job and improve the Job





SDG 3: Ensure healthy lives and promote wellbeing for all at all ages

3.8 ACHIEVE UNIVERSAL HEALTH
COVERAGE, INCLUDING FINANCIAL RISK
PROTECTION, ACCESS TO QUALITY
ESSENTIAL HEALTH-CARE SERVICES AND
ACCESS TO SAFE, EFFECTIVE, QUALITY
AND AFFORDABLE ESSENTIAL MEDICINES
AND VACCINES FOR ALL.



Quality of care is a key component of the right beath.

▶ الرؤية والرسالة وقيم وزارة الصحة

الرئيسية ▶ عن الوزارة ▶ الرؤية والرسالة وأهداف وزارة الصحة

رؤية ورسالة وقيم وزارة الصحة

الرؤية

"مجتمع معافي وآمن صحيا متمتع برعاية صحية شاملة ذات <mark>جود</mark>ة عالية ".

الرسالة

التمفيد منظممة صحية متطمية مامتكلملة تمنن صحة الفيدام المجتمع ماتقدم الخدمات الصحية المقائية ماالملاحية ماالتأهيانية ماا

إطلاق استراتيجية وزارة الصحة للأعوام (2025-2023)

الرئيسية ﴾ المركز الاعلامي ♦ الاخبار ♦ إطلاق استراتيجية وزارة الصحة للأعوام (2025-2023)

إطلاق استراتيجية وزارة الصحة للأعوام 2025-2023



تحت رعاية رئيس الوزراء الدكتور بشر الخصاونة أطلقت وزارة الصحة اليوم الأحد استراتيجيتها للأعوام (2023 - 2023)، والتي تقوم على توفير منظومة صحية متكاملة تعزز صحة الفرد والمجتمع وتقدم الخدمات الصحية الوقائية والعلاجية والتلطيفية الاتملة بعدالة و<mark>جود</mark>ة وكفاءة.

وقال وزير الصحة خلال افتتاحه لحفل الاطلاق مندوباً عن رئيس الوزراء بحضور عدد كبير من الوزراء والأعيان والنواب والمسؤولين الحكوميين والجهات الماتحة والأهلية والمختصين والمهتمين بالشأن الصحي "إنّ استراتيجية الوزارة للأعوام 2025-2023 هي استراتيجية عصرية قابلة للتطبيق بمؤشرات مهمة قابلة للقياس تنعكس نتائجها على الأداء والتحسين في الخدمة الصحية المقدمة".

وأشار الهواري إلى أنه تم إعداد الاستراتيجية من خلال تظافر كافة الجهود داخل وزارة الصحة لتعكس الجدية في بلورة استراتيجية فاعلة وقابلة للتطبيق لبلوغ الأهداف المرجوة والمحددة لثلاث سنوات.

وأضاف الهواري أن هذه الاستراتيجية هي الأولى بعد جانحة كورونا، وتأتي ترجمة لالنزام الوزارة بتحقيق الرؤى الملكية السامية وتحديدا البرنامج التنفيذي لرؤية التحديث الاقتصادي، بالإضافة إلى مواءمتها مع خارطة تحديث القطاع العام، ومواكبتها لالتزاماتنا الصحية الدولية في تحسين <mark>جود</mark>ة الخدمات الصحية بكافة مستوباتها في مستشفيات الوزارة ومراكزها الصحية.

وأوضح الهواري أن الاستراتيجية الجديدة تواكب المتغيرات التي يشهدها الأردن والعالم، من حيث تبعات جائحة كورونا، وآثار النغير المناخي والبيتي والتغير النوعي للمراضة والأملان وعوامل اختطارها، والتغير في نهج التخطيط الصحي في العالم من حيث الاهتمام بتطوير الخدمات الصحية التأهيلية والتلطيفية والنفسية وعدم إغفال المسنين والأمهات والأطفال والأشخاص ذوى الإعاقة.

وعرضت مديرة مديرية إدارة المشاريع والتخطيط والتعاون الدولي في وزارة الصحة المهندسة هدى عبابنة لأبرز ملامح الخطة الاستراتيجية ومحاورها التي تتكون من ثمانية محاور

ملخص إستراتيجية وزارة الصحة للأعوام ٢٠٢٨ -٢٠٢٢

تلبيةً لتوجيهات جلالة الملك عبد الله الثاني المعظم في رفع معيشة المواطن وتحسين نوعية الحياة وتحقيق العيش الكريم له ، واستمراراً لإتباع النهج المنظم والمبني على أفضل الممارسات العالمية ، قامت الوزارة بإعداد خطتها الله عند المعلم المع

والخطة التنفيذية الإصلاح القطاع الصحى (٢٠٢١-٢٠١٨) ، وخطة تحفيز النمو الاقتصادي الخطط الوطنية الأخرى ذات العلاقة ، والخطة العالمية للتنمية المستدامة (٢٠٣٠) ، آخذة بعين المسراتيجية السابقة وما تحقق منها وما لم يتحقق والدروس المستفادة منها .

لى رؤيتها ورسالتها لهذه الإستراتيجية في نسختها المحدثة وهما كما يلي:

الرؤية : "مجتمع صحي معافى من خلال نظام صحي متكامل يعمل بعدالة وكناءة وجوده عالية وريادية على مستوى المنطقة ".

الرسالة: "تقديم الخدمات الصحية الوقائية والعلاجية والقيام بالدور التنظيمي والرقابي على الخدمات المرتبطة بصحة وسلامة المواطن بدالة وجودة علية وبالاستخدام الأمثل للموارد وبالشراكة الفعالة مع الجهات ذات العلاقة ضمن سياسة صحية شاملاً"

جاءت هذه الإستراتيجية لتعمل على معالجة ومواجهة القضايا الرئيسية التي تواجه الوزارة للمرحلة المقبلة وهي : تعزيز الرعاية الصحية الأوليز ، جودة الحصات في كافة مرافق الوزارة ، ضبط وترشيد الإنفاق ، إدارة المعرفة وتكنولوجيا المعلومات ، إدارة الموارد البشرية ، التغطية الصحية الشاملة ، الحوكمة وتطبيق اللامركزية في القطاع الصحي والوزارة ، وذلك ضمن سبع محاور تتناسب مع هذه القضايا والأهداف الإستراتيجية .

تبنت الوزارة الأهداف الاستراتيجية للأعوام ١٨ - ٢٠٢٢:

- ١. توفير خدمات الرعاية الصحية بجودة وعالة
 - زيادة كفاءة إدارة الموارد البشرية

(لدوله عاموه

بيودة الخدات

Go to

- ريادة نسبة شمول المواطنين بالتغطية الصحية الشاملة
 - إيادة كفاءة وفاعلية إدارة البنية التحتية
- وفاعلية الإدارة المعرفية المبنية على التحول الرقمي والتكنولوجيا
 - زيادة كفاءة وفاعلية إدارة الموارد المالية
 - تعظيم الحوكمة والدور الرقابي للوزارة وتطبيق اللامركزية

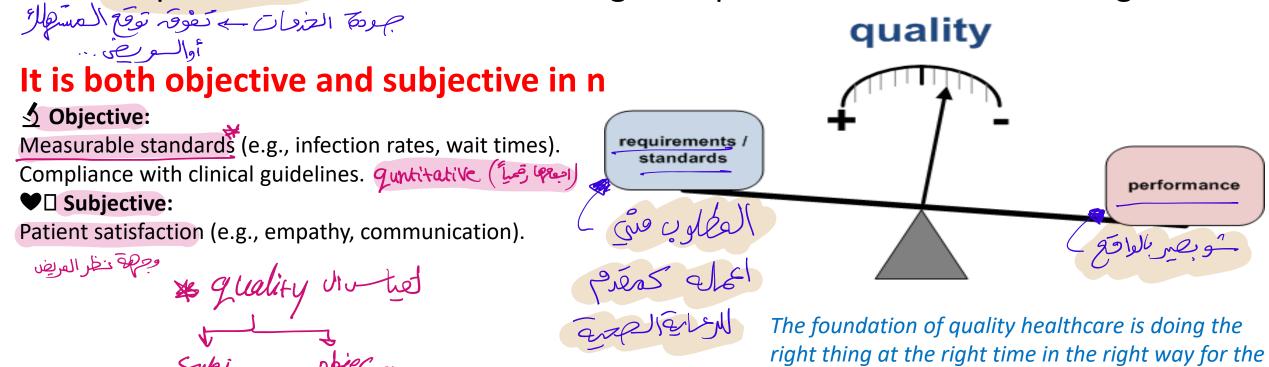
WHAT DOES QUALITY MEAN?

Ask yourself:



What does quality mean?

- "Fitness for purpose" (Juran, 1964).
- "Meeting the needs of customers" !!
- "Quality is meeting and exceeding the customer's needs and expectations and then continuing to improve." W. Edwards Deming



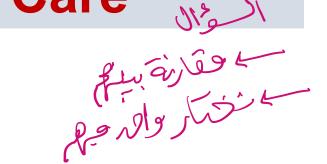
right person and having the best results possible.



The 3 Aspects of Quality Care

▶1. Measurable Quality:

- Focuses on the Provider ! [To wild and with a way of well and with a way of the series of the serie
- > Objective standards (3) general is in Standard (3) of the standards
- Care judged by actual performance vs. standards (e.g., Following infection control protocols)
- Uses quantitative data (e.g., infection rates, wait times).
- Standards serve as guidelines for measurement





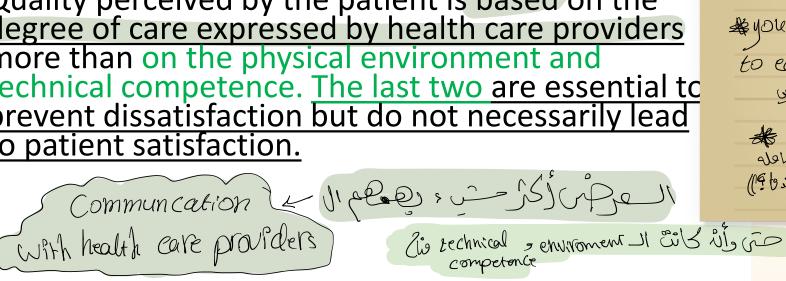
>2. Appreciative Quality:

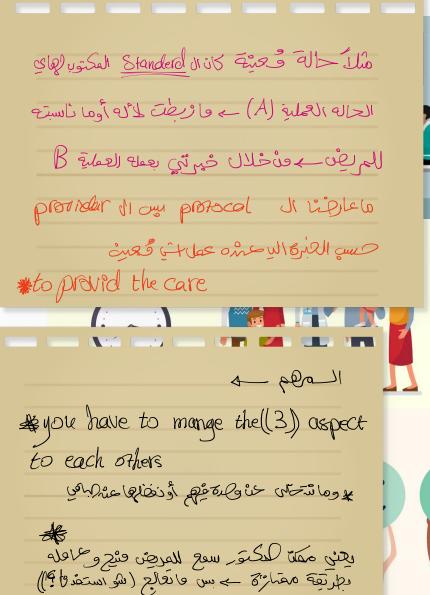
- is the aspect of care which can be judged by the experienced providers who rely not only on standards but on their personal judgments and experiences as well. E.g. Peer reviews (e.g., tumor board decisions).
- Balances protocols with circumstantial judgment. igner our de *

3. Perceptive Quality:

 Care perceived/judged by the recipient of care لله من قلل القستقيل (patients).

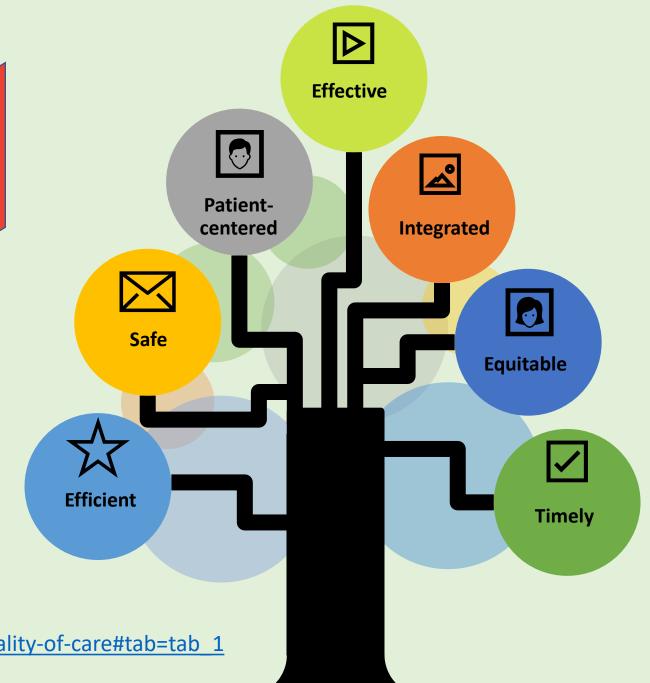
Quality perceived by the patient is based on the degree of care expressed by health care providers more than on the physical environment and technical competence. The last two are essential to prevent dissatisfaction but do not necessarily lead to patient satisfaction.







Key Components of High Quality Health Care



WHO: https://www.who.int/health-topics/quality-of-care#tab=tab 1

Key Components of High Quality Health Care

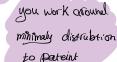
1. Patient centered care:

<u>Providing care that responds to individual preferences, needs and values.</u>

Move from "What's the matter?"

to

"What matters to you?"

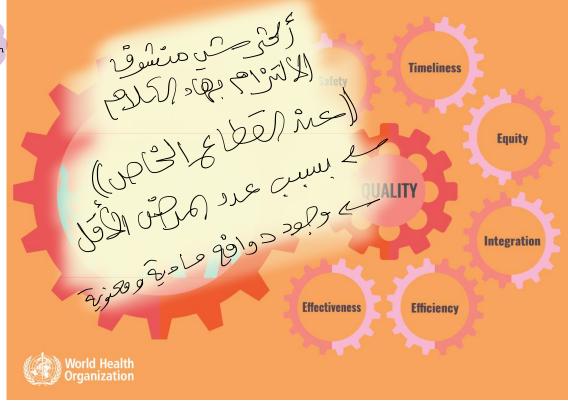


- The patient is not the problem
- "Minimally Disruptive Medicine" (Victor Montori)
- Having conversations with the patient, understanding patients (not just their diseases) and their lives. Respecting cultural/religious preferences (e.g., female providers for certain patients)
- Patient goal setting

Lies 29 conversation direction

Quality health care is people-centred.

This means that decisions about your care are tailored to your needs and preferences and you are treated with respect and compassion.



Key Components of High Quality Health Care (cont.)

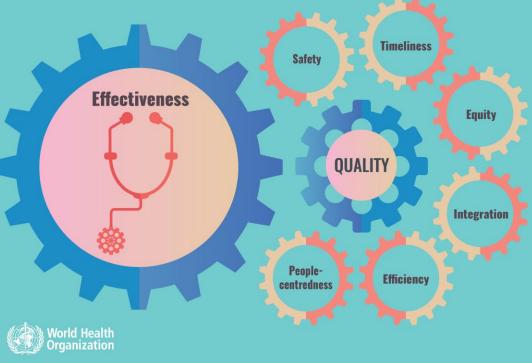
2. Effectiveness – providing evidence-based healthcare services to those who need them (% of goals achieved).



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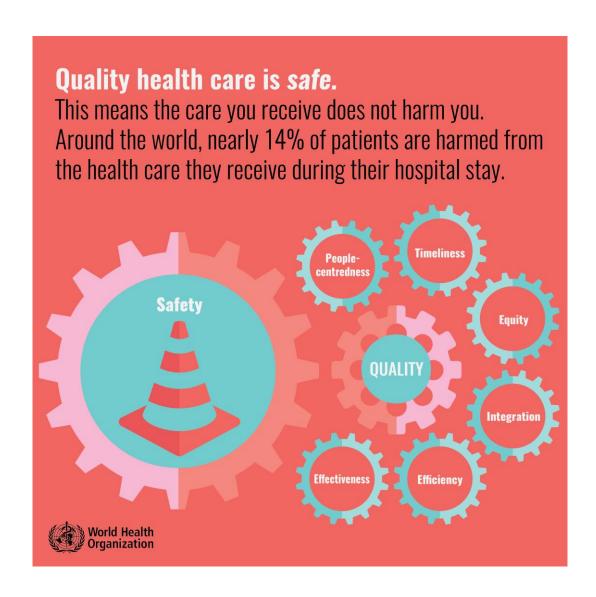
Quality health care is effective.

This means you will be accurately diagnosed and treated. In some countries, only 35% of patients get the correct diagnosis.



Key Components of High Quality Health Care (cont.)

- 3. Safety: The degree to which the risk of an intervention and risk in the care environment are minimized for patients, visitors, and staff. الكل للمريف واثت كالجكي
- الكل للمريض والت ك دكور ما Examples: من مال العريض والت ك دكور الكل المعريض والت العريض والت العريض
 - Preventing errors (e.g., wrong-site surgery)
 - Reducing healthcare-associated infections (HAIs)
 - Following WHO Surgical Safety Checklist
 - Hand hygiene compliance programs



4. **Timeliness:** • The degree to which care is provided to the individual at the most beneficial or necessary time (minimize delays).

I omlean se agils

Tourish care and times



- 5. Efficiency: 65621
- The optimum utilization of resources to produce the desired outcomes (maximizing the quality of health care delivered or unit of health benefit achieved for a given unit of \downarrow health care resources used).
- Example: Eliminating unnecessary tests/treatments (e.g., repeat labs)

Note: Efficacy: The potential capacity or the capability of care to produce the desired

outcomes.

Can it work?	Efficacy
Does it work in reality?	Effectiveness
Is it worth doing compared to other things we could do with the same money?	Cost-effectiveness = Efficiency





Quality health care is efficient.

This means your laboratory tests will not be repeated unnecessarily. You will not undergo needless imaging tests. Antibiotics will be prescribed only in the case of a confirmed infection

- تعنى: مدى تأثير الشيء (مثل دواء أو تدخل طبي) **تحت ظروف مثالية**.
- - 🔽 تجربة مخبرية|سريرية = high efficacy

- 3. Efficiency (الكفاءة: التوازن بين التكلفة والنتيجة)

بعنى ممكن العلاج يكون فعّال لكنه غير مجدِ اقتصادياً

- 2. Effectiveness (الفاعلية في الواقع العملي)

Efficacy Vs Effectiveness Vs Efficiency

Efficacy

= measure of effect under ideal conditions.

Effectiveness = effect under 'real life' conditions.

Efficacy does not imply effectiveness

Efficiency

= relationship between costs & benefits.

Use and effectioness

Effectiveness does not imply efficiency



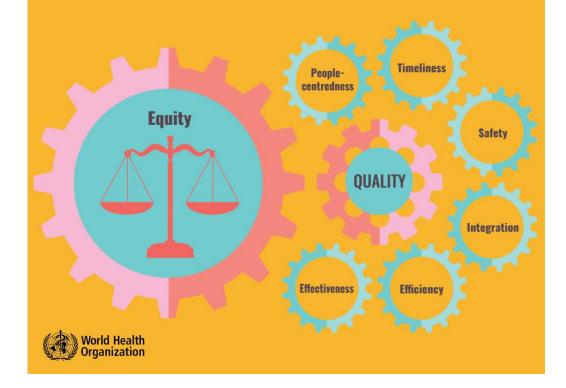
6. Equity: providing care that does not vary in quality on account of gender, ethnicity, geographic location, and socioeconomic status.

• Examples:

- Equal access regardless of gender, ethnicity, or socioeconomic status
- Active outreach to marginalized groups
- Universal health coverage (UHC) policies
- Mobile clinics for rural populations

Quality health care is equitable.

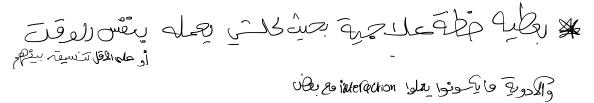
This means that all people, regardless of their gender, race, ethnicity, geographical location or socioeconomic status, receive the good quality health care they need.



Key Components of High Quality Health Care (cont.)

7. Integrated: providing care that makes available the full range of health services throughout the life course

والد فعامل كدساس مامنخانه كاسوي والد فعام المستوبه المستوبه المستوبه المخترات والخ





It is not possible to maximize all key components of quality healthcare services!

Quality Management





• Definition: "A planned, systematic approach to monitor, analyze, and improve organizational performance to enhance care quality."

Juran's triology: three basic processes:

quality planning, quality control, and quality improvement.

- 1. Quality Planning Establish standards, protocols, and objectives Example: Creating a hospital-wide hand hygiene policy based on WHO guidelines
- 2. Quality Control Q Identify gaps through data collection/audits Example: Monthly reviews of surgical site infection rates
 - 3. Quality Improvement do changes for better outcomes **Example:** Using PDSA cycles to reduce medication errors

Quality improvement



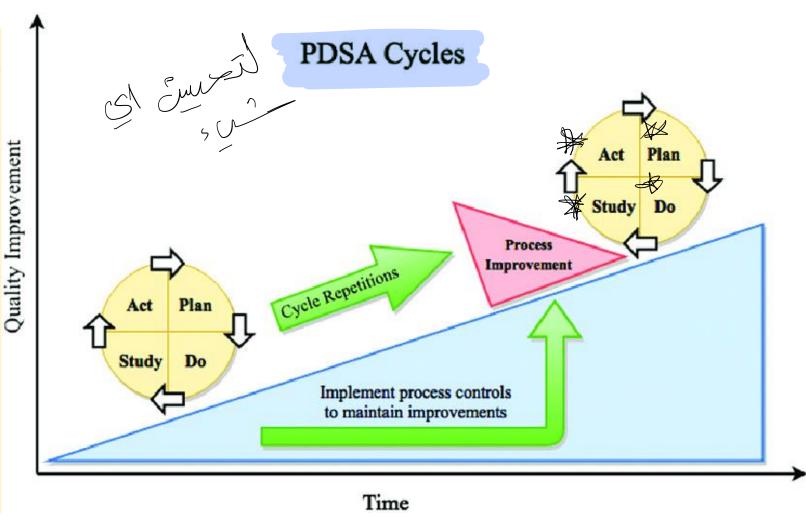
Quality improvement focus is measuring change, consisting of



• It is important that healthcare organizations apply the principles of quality improvement in all aspects of clinical care.

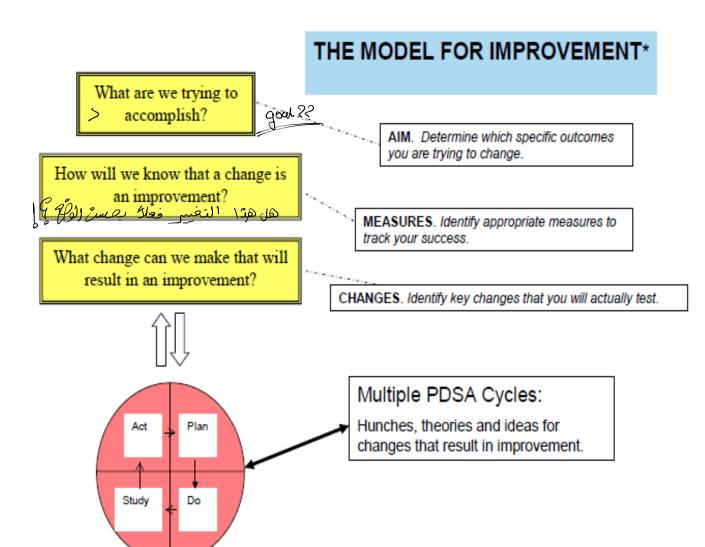
The quality improvement cycle: (PDSA) cycles

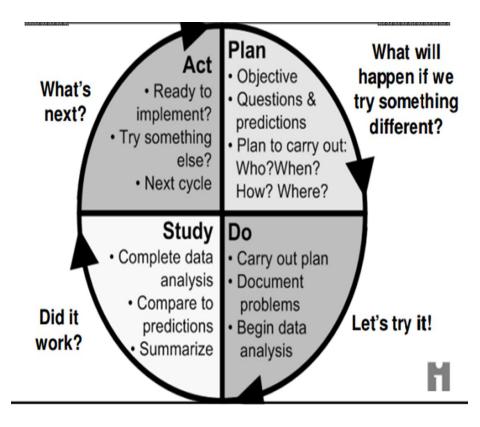
- One of the most widely used models is the Plan-Do-Study-Act (PDSA) Cycle, a systematic series of steps for the continual improvement of a product, service, or process. Deming (1982)
- Must be based on data and measurable
- Applies to all clinical and administrative processes
- Focuses on systems, not individuals



All improvement requires change, but not all change will result in an improvement

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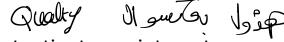
The Model for Improvement

• Three Core Questions:



- Aim: What are we trying to accomplish?
 - "Improve cancer services": poor statement
 - Good: "Reduce bowel cancer treatment delays to <15 weeks by 2026"
- Measurement: How will we know it's better?

Measures can be:



- Readmission rates and outpatient appointment
- Patient experience scores

 Prescribing rates

 Prescribing rates
- Number of patients diagnosed, treated. المعالمة المعالمة
- Treatment turnaround times TAT
- **Changes:** What can we test?
 - Look for Evidence from scientific literature and previous improvement programmes suggests that a small number of changes are most likely to result in improvement.
 - Example:
 - **Booked admissions**
 - Multidisciplinary team reviews





Example:

Readmissions:

رجع منظم الحق الولسا فانتستوا والعلاج مو منتح والأعراش لسانكها ك هين اله علمها عnoi 221mbas) £ 9.20 Total number of patients who unexpectedly

returned to same facility for additional

treatment for same condition

Readmission Rate (%)

Unexpectedly ucsel placed whether

مثلاً احو (١٥٥) مريض على العيادة

eliques trement estates

L %50

quality of care

Total number of patients

who have been diagnosed

with that same condition within a specified period of time

When patients must return again and again, it may be the result of misdiagnosis or poor treatment planning.



Now start the PDSA cycle.

Just example - green

				_
	Key Actions	Bowel Cancer Example	Diabetes Management Example	Model for Improvement
PLAN (Design)	Define problemSet SMART goalsPredict outcomes	Goal: Reduce diagnosis-to- treatment time to <15 weeks	Goal: Increase HbA1c testing compliance from 60% to 85% in 6 months	What are we trying to accomplish? How will we know that a change is an improvement?
DO (Test)	Small-scale trialDocument process<u>Train staff</u>	Test new referral pathway with 2 GP practices	Implement automated reminder system for 50 patients	What change can we make that will result in improvement?
STUDY (Analyze)	 Compare data to predictions Identify barriers/successes 	به مرّه <u>Resul</u> t: 75% met 15-week target (vs. 80% goal)	Result: 78% completed testing (18% improvement)	Act Plan Study Do
ACT (Decide)	 Standardize effective changes Revise failed attempts 	Make more pathway hospital-available + add weekend clinics	Expand reminders to all patients + add SMS option	



STUDY 🧧





قارني النتائج بالتوقعات:

شوفي هل النتيجة اللي حصلتيها قريبة من اللي كنتِ تتوقعينها؟

حددي المشاكل أو النجاحات:

إيش كان ممتاز؟

إيش اللي عرقل النجاح؟

🧠 مثال:

النتيجة كانت 75%، لكن الهدف كان 80%.

ACT (طبّقي / قرري)

:Key Actions 🔑

ثبتي الحل إذا نجح:

خلیه رسمی وطبقیه علی مستوی أكبر.

عدلي إذا فشل:

غيري الخطة وابدئي دورة جديدة.

🧠 مثال:

وسعوا النموذج لكل المستشفى وزادوا أيام العيادة.

تعريف المشكلة:

حددي إيش المشكلة اللي تبين تحلينها.

ضعی هدف SMART:

يعني يكون الهدف:

محدد، قابل للقياس، قابل للتحقيق، واقعى، ومحدد بزمن.

توقعي النتيجة:

إيش تتوقعين يصير بعد ما تطبقي الحل؟

🧠 مثال:

نقلل وقت تشخيص سرطان القولون لأقل من 15 أسبوع.

🔽 DO (جربي)

:Key Actions 🔑

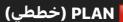
تجربة على نطاق صغير:

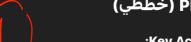
جربي الحل في مكان صغير أو مع عدد قليل من الناس (مثلاً فقط مع عيادتين).

وثقى الخطوات:

سجلي كل شي صار، عشان تقدرين ترجعين له لاحقًا.

تدريب الفريق: لازم الكل يعرف إيش المطلوب ويكون م $\sqrt{}$ ب.

















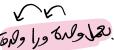




There may be several PDSA cycles running sequentially, or simultaneously.



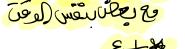
One change tested at a time



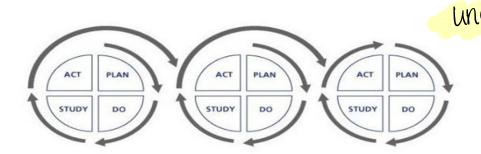
- Each cycle builds on previous results
- Ideal for adjusting existing processes مشر مواود من الكاس
- Simultaneous cycles: فنفس الوقن

For more complex, possibly involving several departments.

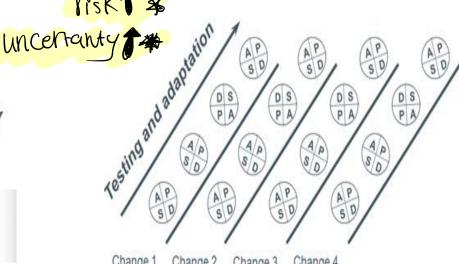
- Multiple changes tested at the same time.
- Requires coordination to track changes 🖘 ಹಿಸ್ ಹೆಚ್ಚು 🥦
- Addresses systemic blocks
- Faster than sequential cycles.
- Involve higher risks (high Uncertainty)







It is possible that there may be several PDSA cycles running sequentially. Cycles are repeated as needed until the desired goal is achieved.



Types of Quality of Care Measures

 There are multiple approaches to measuring different aspects of سو نبونیوں بال اور quality.

Four ways:

- 1. Examining the structure of the setting in which care is provided,
- 2. Measuring the actual process of care, what you do for pertient
- 3. Assessing the outcomes of care. الضبط الوجار مع المريف
- 4. Patient Experience Measures.

Structure....



Refers to the characteristics of the setting in which care takes place.

took *

- Structure measures evaluate the infrastructure of health care settings.
- Structure measures provide essential information about a provider's ability and/or capacity to provide high-quality care, <u>BUT</u> they <u>cannot</u> measure the actual quality of the care received or whether the care improved patients' health.

Measures of the setting used might include characteristics of:

- Physical resources (facilities, equipment)
- Staff qualifications (board certifications, nurse-to-patient ratios)
- Organizational systems (EHR capabilities, accreditation status)

Does the ICU have 24/7 intensivist coverage?

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Process...

• They can refer to <u>anything that is done</u> between health care professional and a patient *What we do for patients*.

Measures:

- Adherence to clinical guidelines (e.g., % of diabetics receiving annual eye exams)
- Care coordination activities
- Patient-provider interactions (shared decision making)
 - *Percentage of heart attack patients given beta-blockers within 24 hours*
- Process measures give providers clear feedback to improve their performance.

 health care providers II providers

Outcomes....



- Outcomes refer to a patient's health status or change in health status (e.g., an improvement in symptoms) resulting from the medical care received. What results we achieve
- This includes intended outcomes, such as the relief of pain and unintended outcomes, such as complications.
- Clinical results (mortality rates, infection rates)
- Functional status, quality of life (mobility post-surgery)
- Patient-reported outcomes (pain reduction)

Outcomes depend on both care quality and patient factors

Patient Experience Measures....

• Patient experience <u>measures provide feedback on patients' experiences of</u> their care. *How care feels*

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- Communication (listening, clear explanations)
- Emotional support
- Care accessibility (e.g. when emergency care needed)

"% of patients who 'strongly agree' their doctor treated them with respect"

Positive patient experiences have a relationship to clinical quality: Patients with better care experiences are often more engaged in their care, more committed to treatment plans, and more receptive to medical advice.

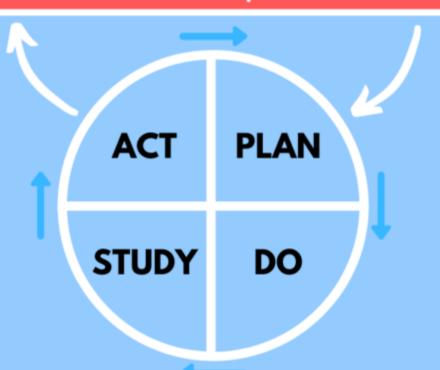
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IHI MODEL FOR IMPROVEMENT

What are we trying to accomplish?

How will we know that a change is an improvement?

What change can be made that will result in an improvement?



STRUCTURE MEASURES

assess the static resources needed to improve processes and outcomes



ex. access to equipment, portable machines, & other necessary spaces

PROCESS MEASURES

give an indication of the parts and steps that you hypothesized would lead to improved outcomes



ex. number of times a fascia iliaca nerve block procedure is performed

OUTCOME MEASURES

assess system performance by measuring the result of healthcare to patients or the community



ex. delirium in patients with hip fractures

BALANCE MEASURES

reflect the potential unintended consequences that arise from a QI initiative



ex. reported
adverse
events
related to
nerve block or
delay in
patient consult
and admission
to hospital

27) The following are included in the pad of improvement model 'How do we know if the change is an improvement" for the breast cancer screening service, EXCEPT?

Select one:

- a. We will improve breast cancer screening services
- b. We will need to obtain Data about the service
- c. We need to know the current performance of this service
- d. We need to stop measuring outcomes once quality of service improves
- e. We need to measure Patient experience

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24) Perceptive quality?

Select one:

- a. Is the aspect of care which is perceived/judged by the recipient of care
- b. The aspect of care which can be judged by the provider through comparative measures between the actual performance versus the standard one
- c. Can be defined objectively as compliance with, or adherence to standards
- d. Is the aspect of care which can be judged by the experienced practitioners.
- e. Quality perceived by the patient is generally based on the degree of care expressed by the physical environment.

11) On applying the scientific approach (ROSA cycle) to quality, "act" involves?

Select one

- a. Begin data analysis study
- b. Compare data analysis results to expectations c. Trying new methods.
- d. Examine delays Study
- e. Identify objectives play (Analyze)



Revise failed attempt

50) Of the domains of Quality Health care: delivering health care which takes into account the preferences and aspirations of Individual service users?

Select one:

a. Patient centered are

- b. Equitable
- c. Effective
- d. Efficient
- e. Accessible

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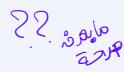
2) Patient centered care means all of the following, EXCEPT?

Select one:

- a. The patient is not the problem
- Achieving the smallest possible treatment burden on the patients' lives
- c. Moving from 'What's the matter to 'What matters to you
- d. Patient goal setting
- e. Focus on understanding the disease a patient is suffering from

48) An approach to quality improvement that involves commitment or all members or an organization to meeting the needs or its external and internal customers? Select one:

- a. Quality control
- b. Quality assurance
- c. Quality improvement
- d. Total quality management
- e. Continuous quality improvement



27) Structure?

Select one:

- a. Denotes what is actually done in giving and receiving care
- Denotes the attributes of the settings in which care occurs
- c. Denotes the effects of care on the health status of patients and populations.
- d. It includes the patient's activities in seeking care
- e. It includes improvements in the patient's knowledge and salutary changes in the patients behavior

36) All applies to 'Quality of health care" and its justification except? Select one:

- a. Is a key component of the right to health.
- b. Even where health systems are well developed and resourced, there is clear evidence that quality remains a serious concern. شودظ ؟؟
- C) Where health systems particularly in developing countries need to optimize resource use and shrink population coverage. d With wide variation in standards of health-care delivery within and between healthcare systems.
- e. The process of improvement and scaling up needs to be based on sound local strategies for quality.

34) Which type of quality measures examines the ownership of the health center in which care takes place? Select one:

a. Structure

- b. Process 0 c. Outcome
- d. Patients' experience
- e. Structure and process



Done by: NOOR Mahmood

THANK YOU