

Diabetic retinopathy screening: Governance and quality



World Health
Organization

REGIONAL OFFICE FOR

Europe

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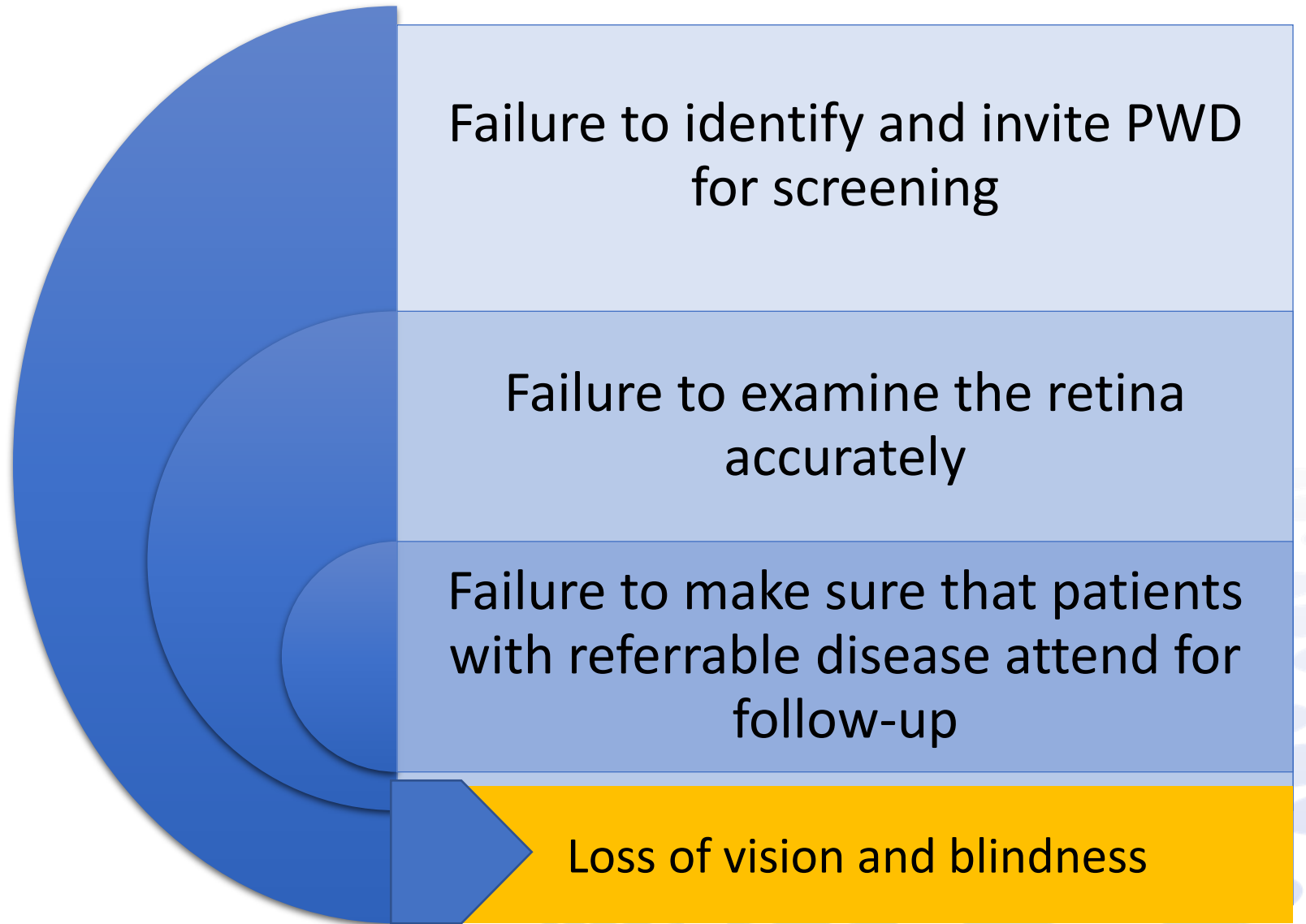
Why do we
need to
focus on
governance
and
quality?

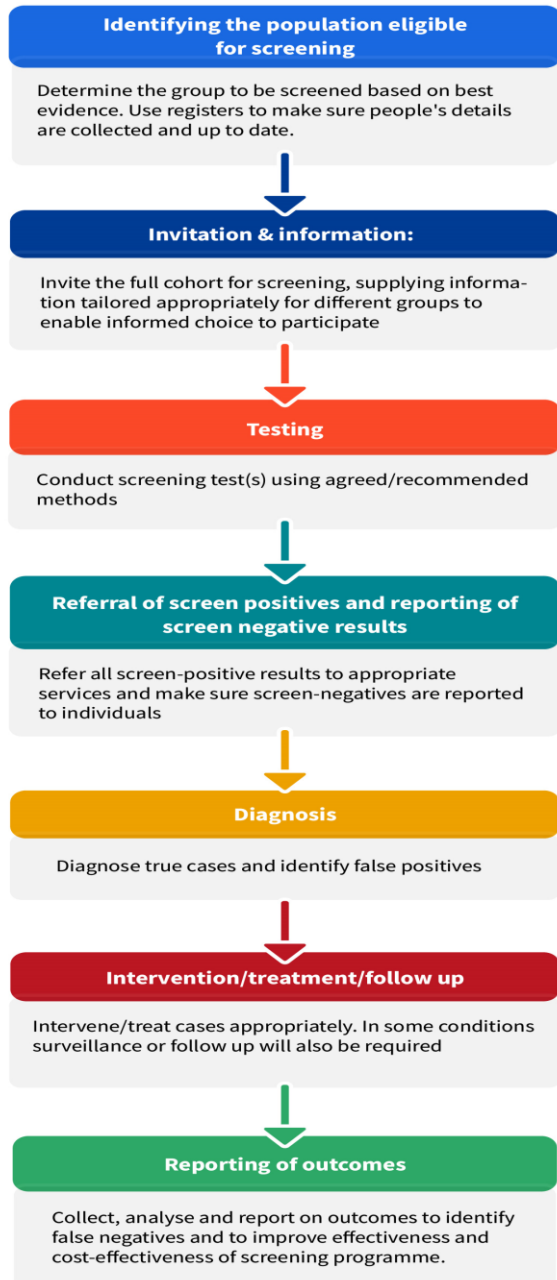
64 million people in European
Region have diabetes

950,000 have vision impairment or
blindness as a result of diabetic
retinopathy

Tackling this huge problem requires
a strategic approach and a focus on
governance and quality

What does poor quality mean?





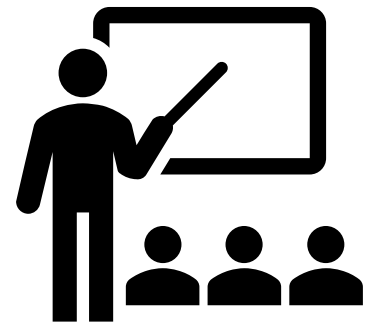
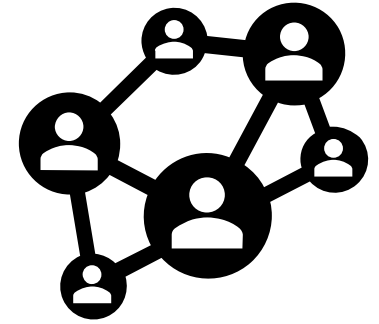
We need quality in every step of the screening pathway – otherwise people will lose their sight

How do we create a high quality service?

Leadership

Quality assurance system

Training



Leadership

Where?

- National & regional
- Local
- Hospitals, primary care

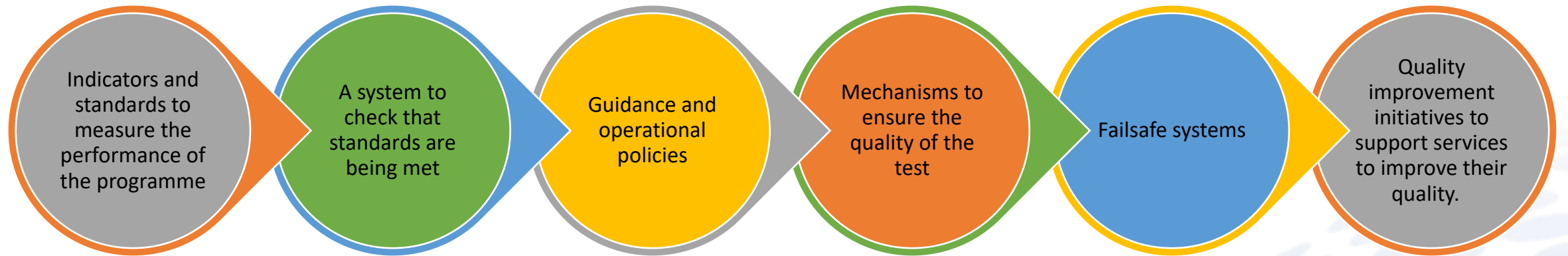
Who?

- Ophthalmologists
- Diabetologists
- Primary care
- Policy-makers
- Public health

What?

- Be an advocate
- Build links with other specialists
- Know what's happening – data
- Encourage learning and a high quality culture
- Promote QA
- SOLVE PROBLEMS

Quality assurance system



Indicators and standards

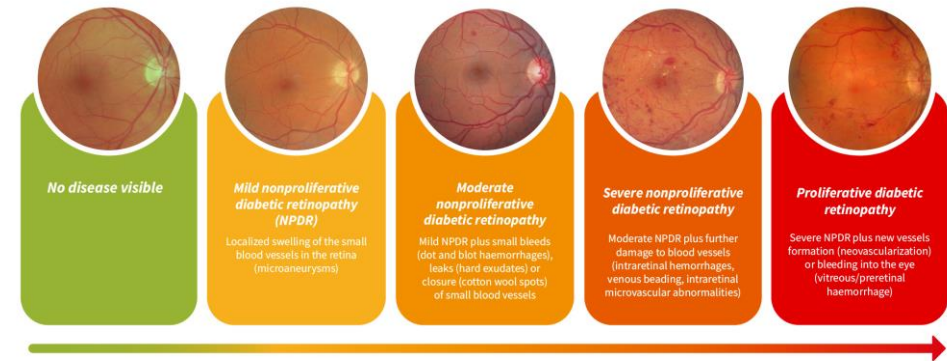
- Tell us how well the programme is working and point to where we might need to make changes
- Examples of important measures are
 - Proportion of the population with diabetes
 - Coverage,
 - Participation rates,
 - Detection rates and
 - Referral rates
- Comparing figures between services or parts of the country or over time help in identifying where more resources, equipment or training may be needed

Guidance and operational policy

States how the pathway should work

It includes things such as;

- how often people should be tested,
- the grading system
- the referral threshold



Ensuring the quality of the test

Digital images enable double reading and audits to check for quality and support training.


It is still possible to use paper records of findings which can be used for audits and teaching to improve quality

Measuring detection and referral rates can also help in identifying quality issues



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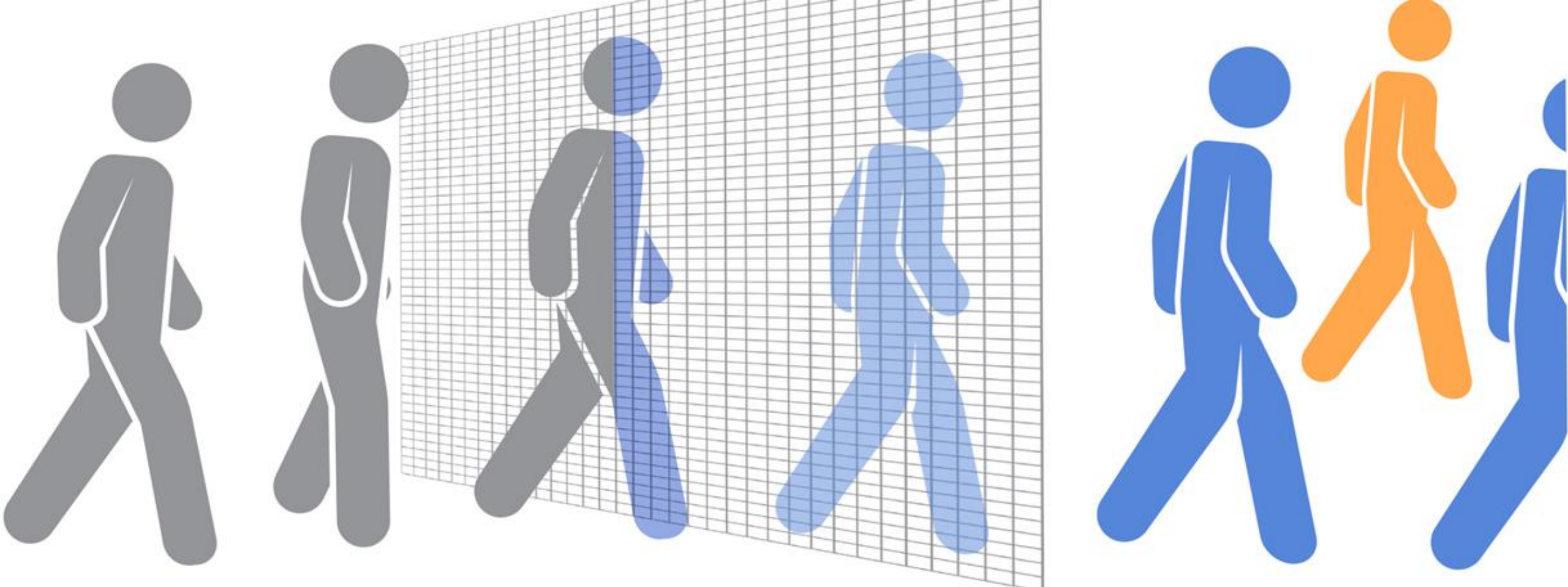
Quality improvement and training

- Regular training for all staff members involved in screening
 - Meetings between diabetologists and ophthalmologists to improve identification and referral of people with diabetes
 - Checking on the accuracy of lists (registers) of people with diabetes to use for invitations and making sure they are up to date
 - Failsafe systems
- 
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Governance

- Policy documents or national orders that describe a strategy for DR Screening
- Committees/groups and leaders who are responsible for implementing the strategy at national, regional and local level
- Oversight that the strategy is being implemented and a commitment to tackle barriers
- A strategy that is supported with guidance, protocols & operational policies



Increase effectiveness, maximize benefits and minimize harm