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Digital Health Assistant - A special skillset allowing wider adoption of Telehealth in the developing world -204 Session

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DEVELOPMENT OF A TRAINED DIGITAL WORKFORCE FOR TELEOPHTHALMOLOGY

- Promote Capacity Development to improve individual and organizational skills, knowledge, tools, equipment, and other resources needed to do their jobs competently.
- To develop and implement evidence-based ophthalmic practice for individuals, faculty and institution.



A MODEL FOR THE DEVELOPMENT OF TECHNOLOGY- ENHANCED PRACTICE Training Model

- **Needs Assessment:** Conduct a thorough needs assessment to identify the specific training requirements for teleophthalmology. Understand the target audience, including healthcare professionals, administrators, and support staff, and determine their existing knowledge and skills gaps related to telehealth practices.
- Adherence to Government norms and regulations



TRAINING MODEL

- **Learning Objectives:** Define clear and measurable learning objectives that align with the desired outcomes of the teleophthalmology training program. These objectives should address key areas such as technical skills, communication techniques, Artificial Intelligence (AI), Natural Language processing, new emerging technology and mobile technology trends, privacy and security considerations, and adherence to telehealth protocols.



WORK FLOW AT CAMPSITE



EMR REGISTRATION



VISION CHECK AND REFRACTION



SLIT LAMP EXAMINATION



FUNDUS EXAMINATION



WORK FLOW AT CAMPSITE



TELECONSULTATION



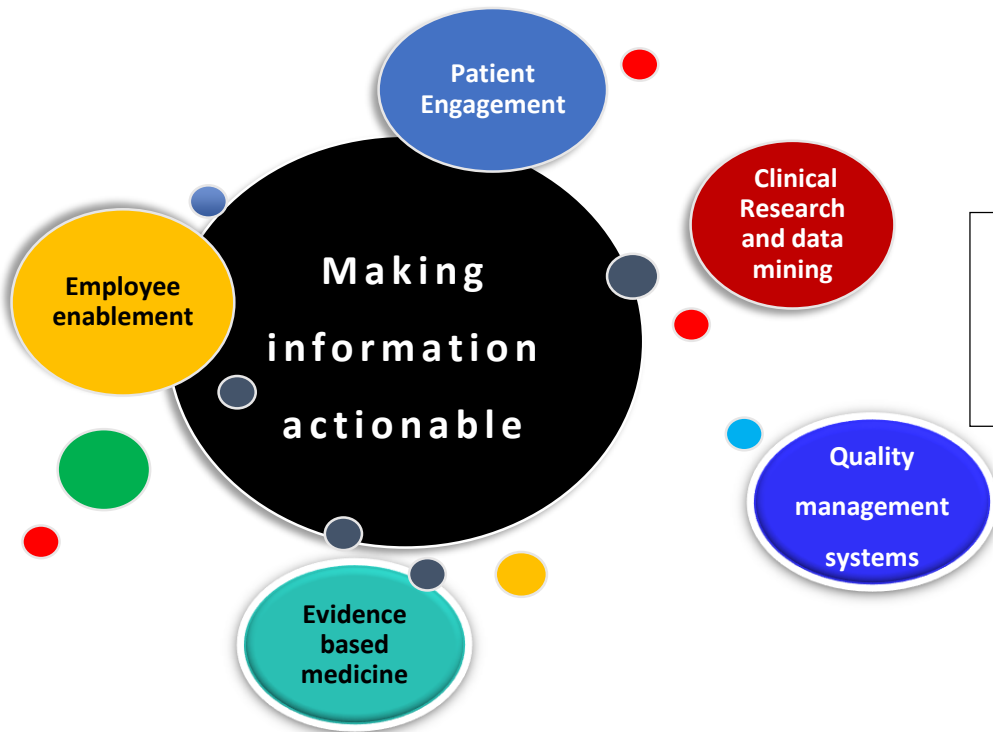
SPECTACLE DISPENSING



COUNSELLING



AWARENESS PROGRAM



TRANSFORMATION ROADMAP



BLENDING LEARNING STRATEGY

Online modules and Certification - Develop online modules that cover essential topics in Teleophthalmology, such as Telemedicine principles and others

Virtual Lectures and Webinars – Conducted by Teleophthalmology experts

Simulations and Virtual Patient Encounters - Simulate the ophthalmic examination process through virtual reality or augmented reality technologies

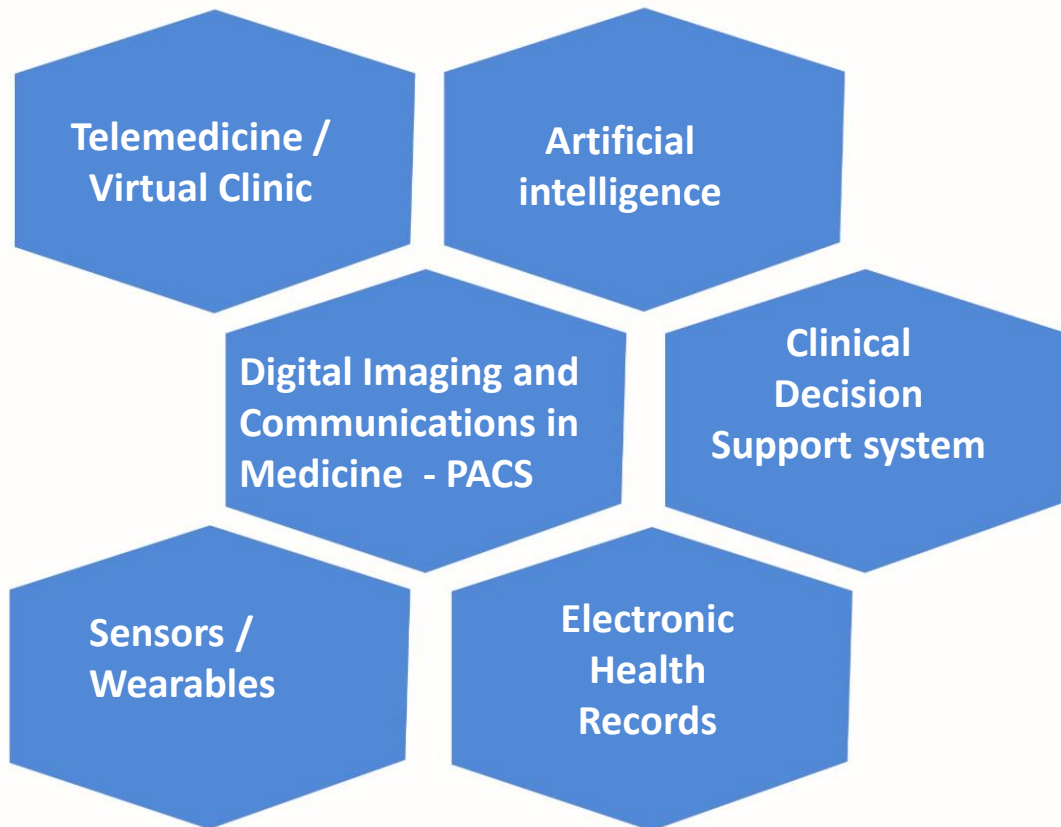


BLENDDED LEARNING STRATEGY

- **Virtual Hands-on Workshops** - Organize virtual hands-on workshop for digital imaging devices and remote examination tools.
- **Clinical Preceptorships** - Where learners can observe and learn from experienced teleophthalmology practitioners for decision-making in teleophthalmology practice
- **Mentoring Program** - Experienced teleophthalmology practitioners can act as mentors and provide guidance to the potential digital assistants during the clinical workflow process



ENHANCE DIGITAL TECHNOLOGY TRAINING TO ADAPT FOR CHANGING NEEDS





CAPACITY DEVELOPMENT SKILLS

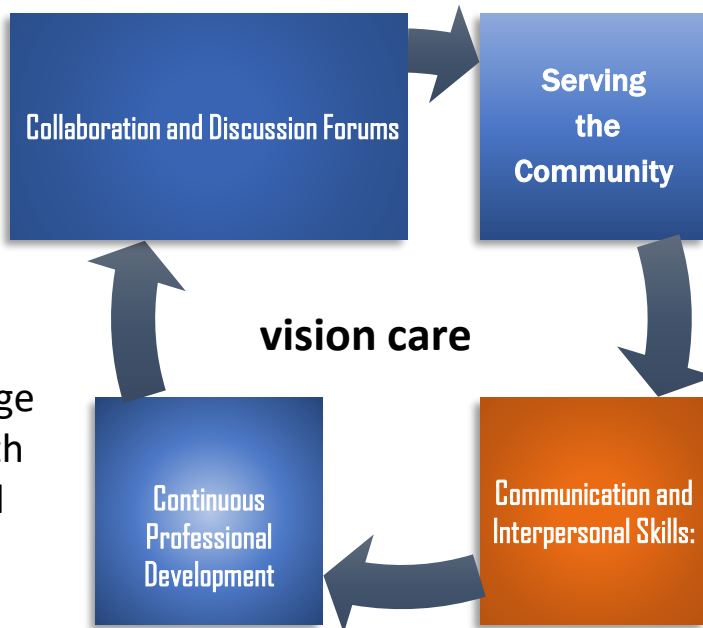
- Technical Skills - They should also be knowledgeable about telehealth platforms and communication tools used in teleophthalmology.
- Ophthalmic Knowledge and Remote Examination Skills
- Communication and Interpersonal Skills
- Privacy and Security
- Cultural Sensitivity and Health Equity
- Ethical Considerations



TECHNOLOGY FOR ALL

Foster collaboration and interaction among learners through online discussion forums or collaboration platforms

Provide access and encourage learners to stay updated with emerging technologies and best practices in teleophthalmology.



Tele Ophthalmology
Mobile
Eye camps

Effective communication
with other team members
and patients



- Craft a solid talent management strategy
- Leverage technology as an enabler and foster a human centric capacity model.

THANK YOU