Integration of Artificial Intelligence (AI) in Healthcare



The Problem

The influence of Artificial Intelligence (AI) is irrefutable in this modern age. It has transformed various fields, including the healthcare system, offering great help to both health practitioners with the potential to improve patient care and overall quality of life.

However, AI also poses significant challenges, when used irresponsibly, it may lead to chaos, errors in diagnosis, and adverse effects on the quality of life. Local and federal governments should pass legislation to regulate the use of AI in order to avoid operational inefficiencies and negative impacts on public health.

Advantages of AI (Evidence)



- Enhance the overall quality of life
- More accurate diagnosis
- Improved treatment options
- Early detection of potential health conditions



It it is imperative to recognize that AI should serve as a support not a substitute or replacement for human expertise and decision-making in healthcare settings. By maintaining a balance between innovation and regulation, healthcare stakeholders can harness the full benefits of AI while at the same time upholding patient safety, efficacy, and ethical standards.

Recommendations

1. **National Health Strategy-** Development of multi-agency strategies for integration of AI in healthcare.
2. **Ethical Guidelines-** Establish clear guidelines and ethical standards to ensure its safe, equitable, and responsible application of AI in healthcare.
3. **Data Privacy Protection**- Ensure the confidentiality of patient information to protect against breaches.

Referrences

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