

# HealthTech Innovation & Ethics

*The Focus On Responsibility, Trust & Safety*

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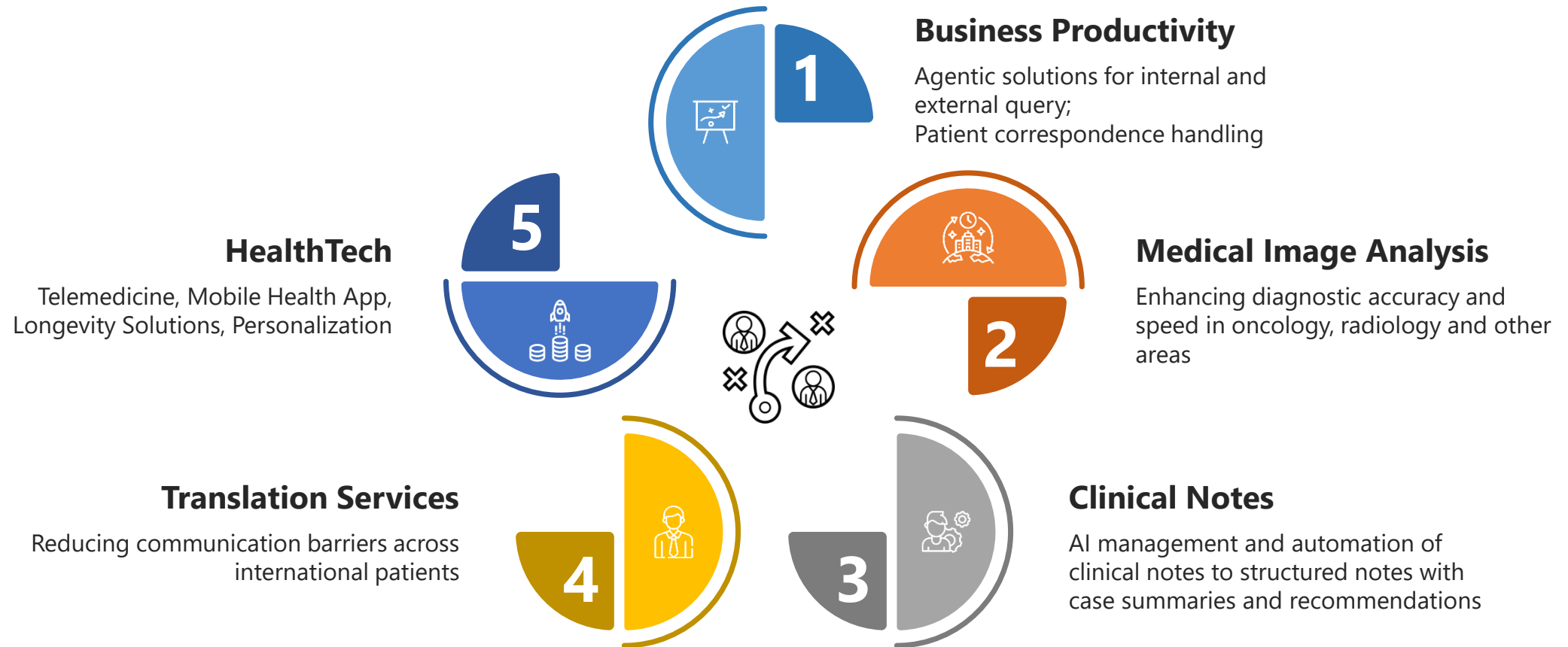


# Market Statistics of AI in Healthcare

- The global AI in healthcare market is projected to reach \$36.1 billion by 2025.
- AI-driven diagnostic tools have shown a 20% increase in accuracy over traditional methods.
- Investment in AI healthcare startups surged to \$4 billion in 2021.
- Telemedicine powered by AI has grown by over 60% during the pandemic.
- The adoption rate of AI solutions in healthcare facilities is currently at 30%.



# AI Innovation Examples At Bumrungrad



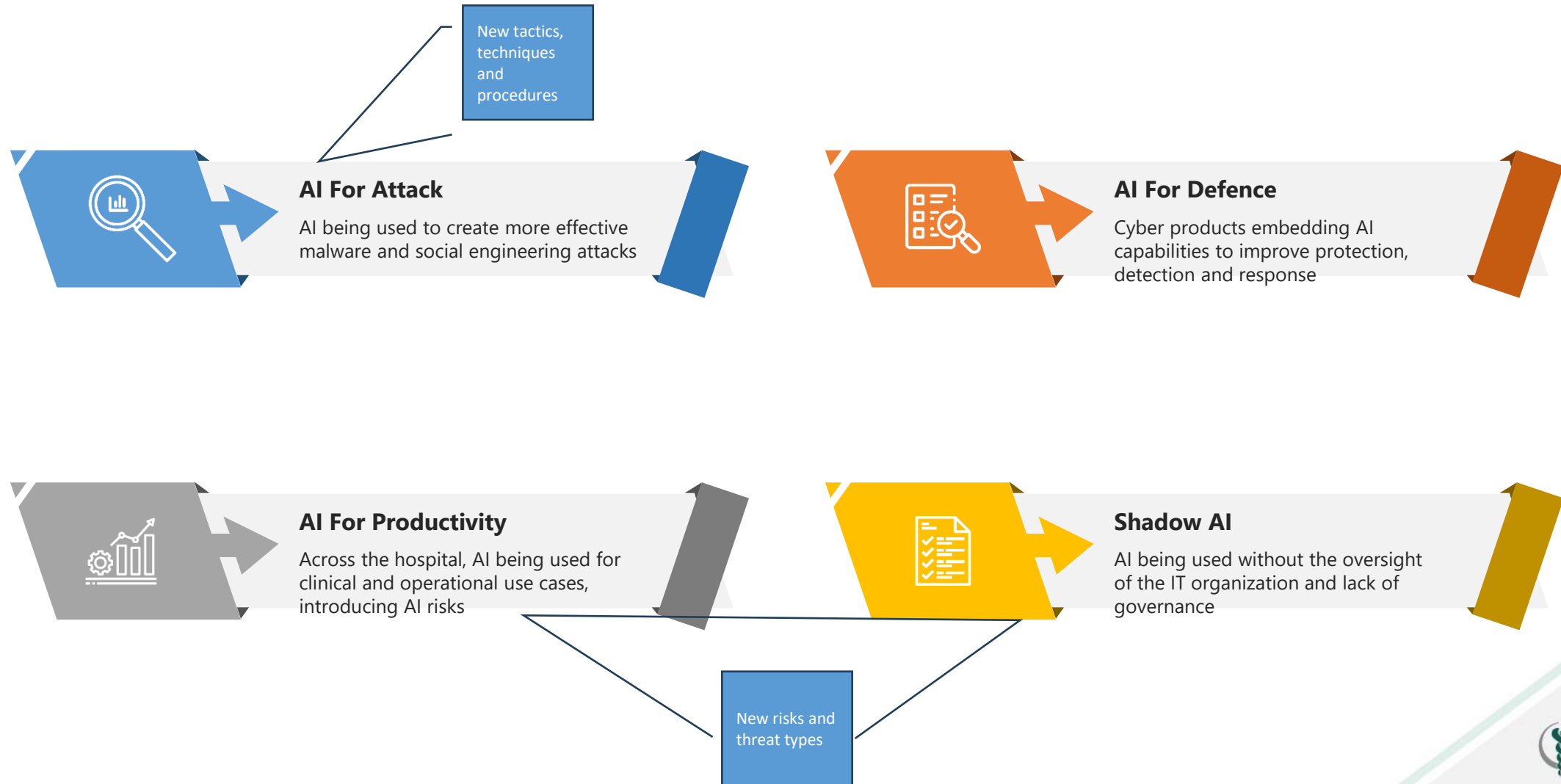


# Navigating Innovation & Ethical Dilemmas in HealthTech AI

- How do you ensure Privacy
  - How do you ensure Fairness
  - How do you ensure **Security**
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- Being Responsible
  - Being Trustworthy
  - Ensuring Safety
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- *In the situation where technology is evolving faster than regulation*



# Cybersecurity Considerations For AI



# Case Study: Cyber Attack on United Healthcare

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- Major cyber ransomware attack on Change Healthcare occurred on 2024
- 190 million patient records compromised
- \$3.1 billion spent in response, including \$22 million in ransom payments
- Widespread disruption to hospital services, payments held up led to concern of practices folding
- Significant fallout with Lawmaker involvement and concern on sector risk





# The Call To Action

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- Developers: must prioritize ethics and security in health technology solutions from the beginning
- Policymakers: should establish clear regulations for AI in healthcare and keep pace
- Healthcare Leaders: ensure ethical use of technology, with governance, and digital trust over digital speed

*HealthTech innovation will not be truly progress if it is not ethical, safe and secure*



Thank you !

