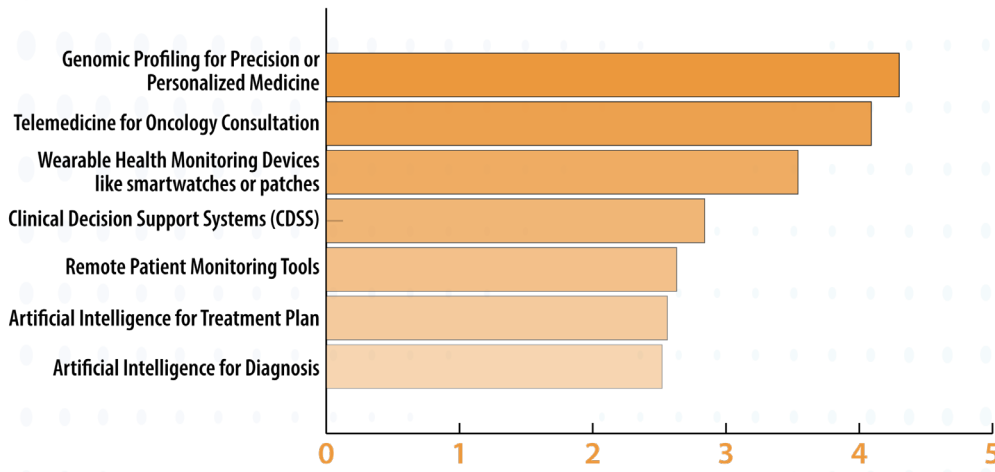# INNOVATION & TECHNOLOGY:
Current Tools In Community Oncology

Please indicate your level of awareness in the following technologies (with 1 being not aware and 5 being extremely aware):

Bar chart (scale 0 to 5):
- Genomic Profiling for Precision or Personalized Medicine: ~4.3
- Telemedicine for Oncology Consultation: ~4.1
- Wearable Health Monitoring Devices like smartwatches or patches: ~3.5
- Clinical Decision Support Systems (CDSS): ~2.8
- Remote Patient Monitoring Tools: ~2.6
- Artificial Intelligence for Treatment Plan: ~2.5
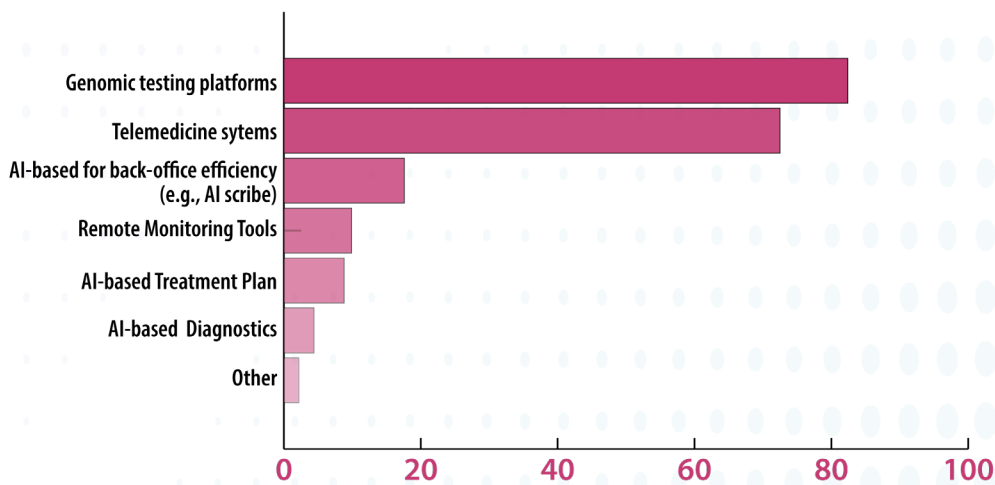- Artificial Intelligence for Diagnosis: ~2.5

AI AWARENESS

While oncologists are highly aware of precision medicine and telemedicine, awareness of AI, clinical decision support, and remote monitoring remains low, suggesting these technologies have not yet gained widespread attention or confidence in the field.

What tools or technologies do you currently use? (select all that apply):

Bar chart (scale 0 to 100):
- Genomic testing platforms: ~82
- Telemedicine sytems: ~72
- AI-based for back-office efficiency (e.g., AI scribe): ~17
- Remote Monitoring Tools: ~9
- AI-based Treatment Plan: ~8
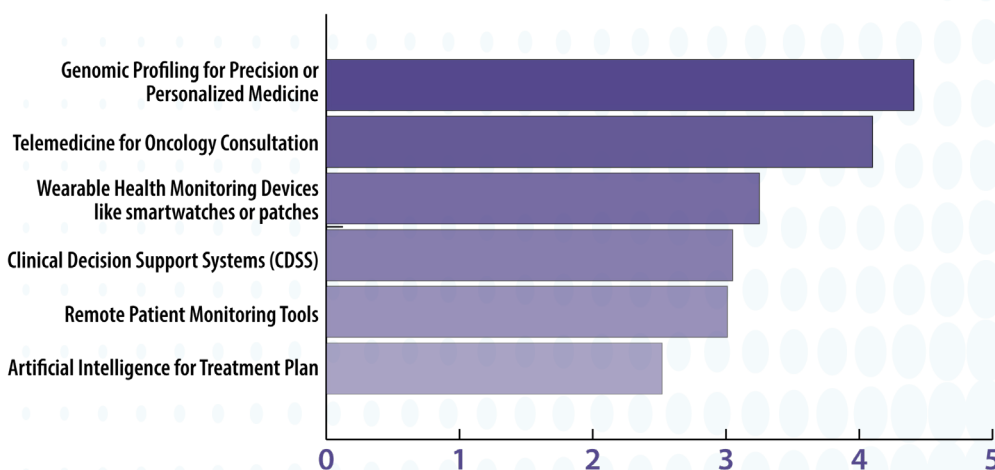- AI-based Diagnostics: ~4
- Other: ~2

AI-DRIVEN TOOLS

Genomic testing and telemedicine are firmly established in oncology, while AI-driven tools and remote monitoring remain under-utilized. The low adoption of AI-based diagnostics, treatment planning, and remote monitoring tools suggests barriers such as a lack of trust, unclear clinical benefits, workflow integration challenges, or limited exposure.

Please indicate your level of comfort in using the following technologies (with 1 being not comfortable and 5 being extremely comfortable):

Bar chart (scale 0 to 5):
- Genomic Profiling for Precision or Personalized Medicine: ~4.5
- Telemedicine for Oncology Consultation: ~4.2
- Wearable Health Monitoring Devices like smartwatches or patches: ~3.3
- Clinical Decision Support Systems (CDSS): ~3.1
- Remote Patient Monitoring Tools: ~3.0
- Artificial Intelligence for Treatment Plan: ~2.6

AI CONFIDENCE

Comfort level varies significantly across technologies, with oncologists feeling most at ease with genomic profiling and telemedicine but less comfortable in AI-driven tools and remote monitoring solutions. The lower comfort with AI for treatment planning suggests barriers such as trust, lack of exposure, or uncertainty about its clinical utility.