Using Generative AI in Healthcare:

Further Listening, Watching, Reading & Exploring

AI Chatbots (Large Language Models)

These are services that leverage advanced artificial intelligence to provide conversational interfaces. They can perform tasks like answering questions, writing content, coding assistance, and more.

ChatGPT from OpenAI for versatile conversational AI.

https://chatgpt.com/

Copilot by Microsoft, integrated with Microsoft products for enhanced productivity.
https://copilot.microsoft.com/

Claude by Anthropic, known for its ethical AI approach and thoughtful responses.

https://claude.ai/

Perplexity AI, designed to provide accurate, sourced answers to queries.

https://www.perplexity.ai/

Gemini by Google, offering multimodal capabilities across text, images, and coding.
https://gemini.google.com/app

DeepSeek, Chinese platform focusing on deep learning for various AI applications. (Beware there are some security concerns and you cannot opt out of your data being used to train future models)

https://www.deepseek.com

Meta AI by Meta, enhancing user experience across Meta's platforms.

https://www.meta.ai/

Grok by xAI, "aiming to provide truthful and helpful answers from an outside perspective on humanity." (This is what Grok wrote about itself!)

https://x.com/i/grok

AI Image and Art creators:

These platforms are AI-powered tools that transform your text descriptions into images, allowing you to create art and visuals effortlessly. Many of the chatbots above also generate images.

https://ideogram.ai/

https://leonardo.ai/ (try 'real-time generation' for some fun!)

https://www.midjourneyfree.ai/

https://piclumen.com/app/image-generator/explore (great for consistent character images)

https://www.canva.com/ai-image-generator/

https://www.openart.ai/

AI summarisers:

https://www.notta.ai/en/blog/best-ai-summarizers - 2025 article reviewing the best summarisers

https://www.notta.ai/en - Turns audio and video into text and summaries

https://eightify.app/ - Summarizes YouTube videos quickly

https://www.scholarcy.com/scholarcy-features - Pulls out key points from research papers

Tools for Locating research:

SciSpace https://scispace.com/

Elicit https://elicit.com/

Consensus https://consensus.app/

Other AI Tools:

https://notebooklm.google/ - upload docs, websites, videos to produce summaries, podcasts and more!

https://goblin.tools/ - breaks down tasks

https://www.napkin.ai/ - creates visuals from text

https://gamma.app/ - designs slides and presentations

https://www.heygen.com/ - video and avatar generator

https://www.synthesia.io/ - video and avatar generator

https://pi.ai/ - chatbot with 'emotional intelligence'

https://suno.com/ - create lyrics and music

https://doctransgpt.com/ - translates documents into over 100 languages

https://ttsopenai.com/ - text to speech by Open AI

https://www.openai.fm/ - website to test out different voices and prompts for text to speech

ChatGPT – specialised GPTs (found under 'Explore GPTs' in ChatGPT)

For SLT (developed by Rachel Barton):

https://chatgpt.com/g/g-dFOZS78Us-wordmango - AI-powered word-learning assistant designed to support teenagers with Developmental Language Disorder (DLD)

https://chatgpt.com/g/g-s4rI4L260-analogymango - Creates customised analogies for speech and language therapists, educators, and caregivers to explain concepts to children.

https://chatgpt.com/g/g-dKQi9sWlq-conceptmango - Creates fun activities for teaching concepts to children

For Learning:

https://chatgpt.com/g/g-hRCqiqVlM-tutor-me (Khan Academy)

For Evaluating Research:

https://chatgpt.com/g/g-kZ0eYXlJe-scholar-gpt (Built in critical reading skills)

Companies using AI in health related software (descriptions with support from Perplexity & ChatGPT):

https://beautifulvoice.co.uk/

Beautiful Voice focuses on making speech therapy accessible and engaging, specifically for adults, both at home and with therapists. For individuals, it provides a personal coach that identifies speech weaknesses and delivers customised, interest-based training. For therapists, it offers tools to streamline assessments and treatment delivery, enhancing efficiency and outcomes. Their mission is to create a fun and effective way for adults to improve their speech.

https://www.cognishine.com/

Cognishine is a digital platform for therapists, supporting cognition, language, speech, and social communication. Designed for multidisciplinary use, it aids conditions like stroke recovery, brain injury, speech disorders, and autism. Key features include remote and in-person sessions, a library of culturally adapted activities, tools for creating custom content, and engagement tracking.

https://chatty-learning.com/chatty-software/

Chatty Learning's Chatty Toolbox helps children improve vocabulary with tools like Chatty Nouns, Verbs, and Topics, covering essential words and subject-specific vocabulary. The software is research-based, supporting children with language delays or EAL.

https://www.ogmatherapy.com/

Ogma Therapy uses AI-driven tools and animated agents to support SLTs in delivering evidence-based speech and language therapy. Designed for family convenience, it offers flexible scheduling, at-home practice tools, and 24/7 therapist access. The Ogma Assistant streamlines admin tasks like note-taking, enabling therapists to focus on care. Ogma aims to make therapy more accessible, efficient, and child-focused.

https://www.heidihealth.com/

Heidi Health is an AI-powered medical scribe that automates clinical documentation, allowing healthcare providers to focus more on patient care. It transcribes consultations in real-time, creates customisable templates, and integrates with Electronic Health Records (EHR) systems. The platform ensures GDPR and HIPAA compliance, improving documentation accuracy and efficiency while reducing administrative burdens for clinicians.

https://kinva.health/

Kinva Health is a secure digital platform for health professionals to deliver personalised therapy plans, monitor client progress, and manage caseloads efficiently. It supports real-time tracking, secure communication, and collaboration with specialists, ensuring compliance with data protection standards. Kinva focuses on improving patient outcomes and streamlining therapy across various healthcare settings.

https://tortus.ai/

TORTUS is a London-based health technology company that has developed an AI-powered assistant designed to reduce the administrative workload of healthcare professionals. By integrating with Electronic Health Record (EHR) systems, TORTUS captures audio during patient consultations and uses advanced speech-to-text AI to generate immediate medical notes, letters, and clinical codes for clinician review. This automation allows healthcare providers to focus more on patient care rather than paperwork.

https://www.lyrebirdhealth.com/uk

Lyrebird Health is an AI-powered medical scribe that transcribes consultations in real-time, generating clinical notes and documents for easy Electronic Medical Record integration. It adapts to user preferences over time, improving efficiency and allowing healthcare providers to focus more on patient care.

https://www.england.nhs.uk/long-read/guidance-on-the-use-of-ai-enabled-ambient-scribing-products-in-health-and-care-settings/

NHS England guidance for the use of AI-enabled ambient scribes

Companies using AI in education related software:

https://www.khanmigo.ai/

Khanmigo is Khan Academy's AI-powered tutor and teaching assistant, offering personalised guidance for students and support for educators. It helps learners with problem-solving, writing feedback, and coding exercises, while assisting teachers with lesson planning, progress tracking, and resource creation. Khanmigo integrates with platforms like Canvas and is available via subscription for learners, with free access for educators.

https://mizou.com/

Mizou is a GDPR compliant educational platform that enables teachers to create and utilise advanced AI chatbots for various purposes, including quizzes, writing sessions, interactive activities, assessments, and homework. It supports up to 50 languages, enhancing student engagement and allowing educators to focus more on creativity and learning.

Podcasts:

- Stanford Graduate School of Business Podcast (June 2024): *Co-Intelligence: An AI Masterclass with Ethan Mollick* https://stanford.io/3KCWJDo
- The Ezra Klein Show Podcast (April 2024): *How should I be using AI right now?* https://open.spotify.com/episode/1d2kAxYfxhfmpCvdUNlQmd

- RCSLT Podcast (Oct 2024): Using Generative AI in speech and language therapy: a journey from sceptic to advocate
  https://soundcloud.com/rcslt/introduction-to-using-gen-ai

  The first in a 6 part series on AI in SLT from RCSLT
- Diary of an SLT Podcast (August 2024): Ruth Crampton with Rachel Barton – Using AI to enhance my therapy sessions and enthuse others
  https://open.spotify.com/episode/4yTAOiPhylqiYWsDR6X3Wy?si=vky3V5YTQ4CEuUuuPHyDAQ
- Speak Up A Speech Pathology Australia Podcast: Ethical AI in Speech Pathology, part 1 S06 E14

  https://soundcloud.com/speechpathologyaustralia/ethical-ai-in-speech-pathology-part-1
- Speak Up A Speech Pathology Australia Podcast: Ethical AI in Speech Pathology, part 2 S06 E15
- https://on.soundcloud.com/EUQuuJ2DaUxuy34WA
- Speak Up A Speech Pathology Australia Podcast : AI and Language Sample Analysis S7E04
  https://on.soundcloud.com/fEChsvyomHavrxpP6
- Your Everyday AI – Newsletter, YouTube videos, and podcasts with Jordan Wilson. Also offers a free prompting course.
  https://www.youreverydayai.com/
  https://www.youreverydayai.com/ai-in-education-podcast/
  https://www.youreverydayai.com/ai-in-healthcare-podcast/
- The Artificial Human Podcast (Radio 4)
  https://www.bbc.co.uk/programmes/m001wjf8
- Google DeepMind: The Podcast – Hannah Fry
  https://open.spotify.com/show/39fjU5Q5L5UecTCRMeqjwb?si=2598ca7c47bc4d75
- The Infinite Monkey Cage – How I is AI? (Radio 4) (Nov 2023)
  https://www.bbc.co.uk/sounds/play/p0gr7lx0
- WriteUpp Podcast – Human Touch in a Digital World: Using AI in Healthcare (January 2024)
  https://www.youtube.com/watch?v=6U_uLjXEJAY&t=24s

Videos:

- Henrik Kniberg – Generative AI in a Nutshell: How to survive and thrive in the age of AI
  https://www.youtube.com/watch?v=2IK3DFHRFfw
- CGP Grey – How AIs, like ChatGPT, Learn
  https://www.youtube.com/watch?v=R9OHn5ZF4Uo
- Grant Sanderson – Large Language Models explained briefly
  https://youtu.be/LPZh9BOjkQs?si=B47Xc_zu2jUeHrKL

- Introducing GPT-4o
  https://www.youtube.com/watch?v=DQacCB9tDaw
- Two GPT-4os interacting and singing
  https://www.youtube.com/watch?v=MirzFk_DSiI
- Introducing Sora — OpenAI's text-to-video model
  https://youtu.be/HK6y8DAPN_0
- Hayls World – 10 ChatGPT hacks that take it to the next level
  https://www.youtube.com/watch?v=LHNghEPMZIs
- Hayls World – 10 AI tools you must know in 2024
  https://www.youtube.com/watch?v=YN9x04rhm7c
- The AI Advantage – ChatGPT Advanced Voice Mode
  https://www.youtube.com/watch?v=mJ1rWch5Ekw

Research and Articles Relating to SLT and AI:

- ASHA article (March/April 2024) *Using ChatGPT to create treatment materials*
  https://leader.pubs.asha.org/do/10.1044/leader.EOAI.29032024.chatgbt-therapy-materials-slp.26/full/
- Balo, E., Ökte, B. & Selvi Balo, S., 2025. *Artificial intelligence in assessment and intervention of speech and language disorders: A literature review*. The European Research Journal, 11(4), pp. 821–829. https://doi.org/10.18621/eurj.1677704.
- Barton, R (June 2024) *Getting the Best Service from Generative AIs: The SERVE Prompt Framework* https://www.chatterboxsussex.com/post/getting-the-best-service-from-generative-ais-the-serve-prompt-framework
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- Green, J.R. (2024) 'Artificial Intelligence in communication sciences and disorders: Introduction to the forum', *Journal of Speech, Language, and Hearing Research*, 67(11), pp. 4157-4161. https://doi.org/10.1044/2024_JSLHR-24-00594
- Nesta.org – How might the early years sector use generative AI? https://www.nesta.org.uk/project-updates/how-might-the-early-years-sector-use-generative-ai/
- RCSLT AI Information Pages: https://www.rcslt.org/members/delivering-quality-services/artificial-intelligence-resources/#section-1
- University of Technology Sydney (2025) 'AI helps stroke survivors find their voice', *UTS News*. Available at: https://www.uts.edu.au/news/2025/07/ai-helps-stroke-survivors-find-their-voice
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More General Research and Articles Relating to Generative AI:

- Abbas, M., Jam, F.A. & Khan, T.I. *Is it harmful or helpful? Examining the causes and consequences of generative AI usage among university students*. Int J Educ Technol High Educ, 21, 10 (2024). https://doi.org/10.1186/s41239-024-00444-7
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AI in Education:

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academic-performance-and-memory-loss-in-new-study/ ChatGPT linked to declining academic performance and memory loss in new study.

- Laura Dumin – Repository of AI information for educators. https://ldumin157.com/ Repository of AI Information: Curated by Dr. Laura Dumin, a professor in English and Technical Writing at the University of Central Oklahoma - offers a comprehensive collection of AI-related content, including teaching aids, articles, and practical advice for integrating AI into educational settings.
- Hardman, P., 2025. Your learners are using AI to redesign your courses. *Dr Philippa Hardman – Substack*, posted 5 June. Available at: https://drphilippahardman.substack.com/p/your-learners-are-using-ai-to-redesign
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- Turnitin Blog – How will AI impact skill development in education? https://www.turnitin.com/blog/how-will-ai-impact-skill-development-in-education

  This article explores the dual-edged nature of AI in education, discussing how AI tools can both hinder and enhance skill development depending on their application.

- The Alan Turing Institute – Generative AI in Education. https://www.turing.ac.uk/sites/default/files/2023-08/generative_ai_in_education_-_the_alan_turing_institute_0.pdf

  This report delves into the potential benefits and challenges of integrating generative AI into educational contexts, offering insights into ethical considerations and future implications.

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https://www.chatterboxsussex.com/aiworkshops - Rachel Barton, SLT

https://coursebeetle.co.uk/courses/generative-ai/ - 2 part course with Rachel Barton, SLT