## Latest PubMed Articles about ChatGPT

- Short Research Article: Evaluation of an artificial intelligence language model in psychiatric patient education
- Diagnostic Performance of ChatGPT-40 in Detecting Hip Fractures on Pelvic X-rays
- A Cross-Sectional Comparison of Patient Information Guides Generated by ChatGPT Versus Google Gemini for Alzheimer's Disease, Parkinsonism, and Migraine
- GPT-4o and Specialized AI in Breast Ultrasound Imaging: A comparative Study on Accuracy, Agreement, Limitations, and Diagnostic Potential
- Large Language Model Clinical Vignettes and Multiple-Choice Questions for Postgraduate Medical Education
- Performance analysis of large language models Chatgpt-4o, OpenAl O1, and OpenAl O3 mini in clinical treatment of pneumonia: a comparative study
- Appropriateness of acute breast symptom recommendations provided by ChatGPT
- Feasibility of Using ChatGPT to Generate Exposure Hierarchies for Treating Obsessive-Compulsive Disorder

## Examples

Examples for ChatGPT

Tell me the top 10 suspected illnesses for the following symptoms

Act as peer reviewer in

Create a personal webpage for me, all in a single file. Ask me 3 questions first on whatever you need to know.

Make this understandable for a beginner::

Que se podría haber mejorado en esta guardia médica con los siguientes datos/ What could have

been improved in this medical guard.

Make an Operative report with this information

Make a Medical history with this information

Make a hospital discharge letter with this information

Make a multiple choice test about Cerebral small vessel disease with this information...

Make a Analytical observational study with this information....

Anatomic study.

Make an Book chapter with this information...

**Book review** 

Case-control study.

Clinical case study-Case report.

Clinical trial.

Cohort study.

| Correlational study.             |  |  |
|----------------------------------|--|--|
| Critical review                  |  |  |
| Cross-sectional study.           |  |  |
| Descriptive study.               |  |  |
| Expert opinion.                  |  |  |
| Experimental study.              |  |  |
| Genome-wide association study.   |  |  |
| Historical vignette              |  |  |
| Intention-to-treat analysis.     |  |  |
| Kaplan Meier analysis.           |  |  |
| Letter to the editor or response |  |  |
| Meta-analysis.                   |  |  |
| Original research.               |  |  |

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Qualitative study.

Review article.

Scientific Trial.

Systematic review.

Technical note.

Univariate analysis.

Patient communication Explaining medical conditions and treatments Prompt: "Explain [medical condition] in simple language for a newly diagnosed patient. Give me 3 examples. You have 200 words max for each explanation." Prompt: "Describe the treatment options for [medical condition]. Provide 3 examples, each within 150 words." Prompt: "Summarize the causes and risk factors for [medical condition]. Create 3 concise explanations with a maximum of 100 words each." Addressing patient concerns and questions Prompt: "A patient is worried about the side effects of their prescribed medication for [medical condition]. Write 3 responses addressing their concerns and providing reassurance. Each response should be no more than 150 words." Prompt: "A patient has concerns about the cost of their treatment for [medical condition]. Write 3 responses discussing financial assistance options and resources. Limit each response to 150 words." Prompt: "A patient is hesitant to undergo a recommended medical procedure for [medical condition]. Write 3 responses addressing their fears and providing information about the procedure. Each response should be no more than 200 words." Creating empathetic and supportive messages Prompt: "Write 3 empathetic and supportive messages for patients who have received a [serious medical diagnosis]. Each message should be no more than 200 words." Prompt: "Craft 3 messages of encouragement for patients struggling with the challenges of managing a chronic condition like [medical condition]. Limit each message to 150 words." Prompt: "Compose 3 messages to help patients stay motivated and engaged in their treatment plan for [medical condition]. Each message should be no more than 200 words."

Medical documentation Writing case summaries and patient histories Prompt: "Create a case

summary for a patient with [medical condition]. Give me 3 examples. You have 250 words max for each summary." Prompt: "Write a patient history for an individual with [medical condition]. Provide 3 examples, each within 300 words." Prompt: "Summarize the key findings from a patient's diagnostic tests for [medical condition]. Create 3 concise summaries with a maximum of 200 words each." Drafting progress notes and treatment plans Prompt: "Compose 3 progress notes for a patient undergoing treatment for [medical condition]. Each note should be no more than 150 words." Prompt: "Develop a treatment plan for a patient with [medical condition]. Write 3 examples, each limited to 250 words." Prompt: "Create 3 examples of follow-up recommendations for a patient recovering from [medical condition]. Each recommendation should be no more than 200 words." Creating referral letters and discharge summaries Prompt: "Write a referral letter for a patient with [medical condition] to see a specialist. Provide 3 examples, each within 250 words." Prompt: "Craft 3 discharge summaries for a patient who has been treated for [medical condition]. Limit each summary to 300 words." Prompt: "Compose 3 examples of post-discharge care instructions for a patient who has been treated for [medical condition]. Each instruction should be no more than 200 words."

Medical research Summarizing research articles and clinical trials Prompt: "Summarize a research article about [medical condition] or its treatment. Give me 3 examples. You have 250 words max for each summary." Prompt: "Write a brief overview of a clinical trial related to [medical condition]. Provide 3 examples, each within 200 words." Prompt: "Create a concise summary of the key findings from a recent study on [medical condition]. Develop 3 examples with a maximum of 150 words each." Generating ideas for research topics Prompt: "Propose 3 research topics related to [medical condition] that would be valuable for further study. Each topic should be accompanied by a brief explanation of its significance, within 100 words." Prompt: "Suggest 3 innovative approaches to investigating the causes or treatments of [medical condition]. Provide a brief description of each approach, limited to 150 words." Prompt: "Identify 3 gaps in the current understanding of [medical condition] that could be addressed through future research. Provide a concise explanation for each gap, within 100 words." Preparing abstracts and conference presentations Prompt: "Write an abstract for a research paper on [medical condition]. Provide 3 examples, each within 250 words." Prompt: "Create a conference presentation outline for a study related to [medical condition]. Develop 3 examples, each limited to 300 words." Prompt: "Compose 3 talking points for a panel discussion on recent advancements in the treatment of [medical condition]. Each talking point should be no more than 150 words."

Healthcare policy and ethics Discussing current healthcare policies and their impact Prompt: "Analyze the impact of a current healthcare policy on patients with [medical condition]. Give me 3 examples. You have 250 words max for each analysis." Prompt: "Discuss the potential consequences of a proposed change in healthcare policy for [medical condition] treatment. Provide 3 examples, each within 200 words." Prompt: "Explain how a specific healthcare policy affects healthcare providers treating patients with [medical condition]. Create 3 concise explanations with a maximum of 150 words each." Debating ethical dilemmas in medicine Prompt: "Present 3 ethical dilemmas related to the treatment of [medical condition]. For each dilemma, provide a brief description and discussion of the potential consequences, within 200 words." Prompt: "Describe 3 ethical challenges healthcare professionals may face when managing patients with [medical condition]. Provide a brief analysis of each challenge, limited to 150 words." Prompt: "Explore 3 potential conflicts of interest that may arise in the context of treating [medical condition]. Offer a concise explanation for each conflict, within 100 words." Analyzing the implications of new technologies in healthcare Prompt: "Examine the potential benefits and drawbacks of a new technology used in the treatment of [medical condition]. Provide 3 examples, each within 250 words." Prompt: "Discuss 3 ethical considerations related to the use of a specific healthcare technology for managing [medical condition]. Develop 3 examples, each limited to 200 words." Prompt: "Evaluate how a new technology might affect the patient experience and healthcare delivery for those with [medical condition]. Compose 3 analyses, each no more than 150 words."

Medical education and training Developing educational materials for medical professionals Prompt: "Create an educational resource about [medical condition] for medical professionals. Give me 3 examples. You have 250 words max for each resource." Prompt: "Design a training module outline for a new treatment approach for [medical condition]. Provide 3 examples, each within 200 words." Prompt: "Write a case study on a patient with [medical condition] for medical students to analyze. Create 3 concise case studies with a maximum of 300 words each."

Interdisciplinary collaboration Facilitating communication between healthcare professionals Prompt: "Draft an email to inform an interdisciplinary team about a patient with [medical condition]. Give me 3 examples. You have 250 words max for each email." Prompt: "Compose a meeting agenda for an interdisciplinary team discussing the treatment plan for a patient with [medical condition]. Provide 3 examples, each within 200 words." Prompt: "Write a summary of a patient's case to be shared with an interdisciplinary team working on [medical condition]. Create 3 concise case summaries with a maximum of 300 words each." Promoting interdisciplinary collaboration in patient care Prompt: "Describe 3 strategies for enhancing interdisciplinary collaboration in the management of patients with [medical condition]. For each strategy, provide a brief explanation of its potential benefits, within 200 words." Prompt: "Identify 3 potential barriers to effective interdisciplinary collaboration in the care of patients with [medical condition]. Provide a brief analysis of each barrier, limited to 150 words." Prompt: "Propose 3 initiatives to improve interdisciplinary communication and teamwork for healthcare professionals treating [medical condition]. Offer a concise explanation for each initiative, within 100 words." Sharing expertise and knowledge across disciplines Prompt: "Design a seminar or workshop for healthcare professionals from different disciplines to share their expertise on [medical condition]. Provide 3 examples, each within 300 words." Prompt: "Create a knowledge-sharing platform or resource for interdisciplinary collaboration on [medical condition]. Develop 3 examples, each limited to 200 words." Prompt: "Outline a case conference format for discussing complex cases of [medical condition] with professionals from different disciplines. Compose 3 outlines, each no more than 250 words."

Public health and prevention Developing public health campaigns and awareness programs Prompt: "Design a public health campaign to raise awareness about [medical condition] and its prevention. Give me 3 examples. You have 250 words max for each campaign description." Prompt: "Create an outline for a community-based awareness program focusing on [medical condition]. Provide 3 examples, each within 200 words." Prompt: "Propose a social media campaign to educate the public on the early signs and symptoms of [medical condition]. Develop 3 concise campaign strategies with a maximum of 150 words each." Promoting preventive measures and healthy behaviors Prompt: "Describe 3 strategies for encouraging preventive measures and healthy behaviors to reduce the risk of [medical condition]. For each strategy, provide a brief explanation of its potential benefits, within 200 words." Prompt: "Identify 3 educational resources to help individuals adopt healthy lifestyle habits that may lower the risk of developing [medical condition]. Provide a brief description of each resource, limited to 150 words." Prompt: "Suggest 3 community-based interventions to promote healthy behaviors and prevent [medical condition]. Offer a concise explanation for each intervention, within 100 words." Evaluating the effectiveness of public health interventions Prompt: "Outline a study design to evaluate the impact of a public health intervention on [medical condition] prevalence. Provide 3 examples, each within 300 words." Prompt: "Develop a set of criteria to assess the success of a public health campaign aimed at preventing [medical condition]. Create 3 sets of criteria, each containing 5 key indicators, with a maximum of 250 words per set." Prompt: "Propose 3 methods to gather feedback from the public on a health promotion campaign focused on [medical condition]. Compose 3 method descriptions, each no more than 150 words."

Medical practice management Improving patient experience and satisfaction Prompt: "Describe 3 strategies for enhancing patient experience and satisfaction in a medical practice focused on [medical

condition]. For each strategy, provide a brief explanation of its potential benefits, within 200 words." Prompt: "Identify 3 key performance indicators (KPIs) to track and measure patient satisfaction in a medical practice treating [medical condition]. Provide a brief description of each KPI, limited to 150 words." Prompt: "Propose 3 initiatives to improve patient communication and engagement in a medical practice focused on [medical condition]. Offer a concise explanation for each initiative, within 100 words." Streamlining operations and workflow Prompt: "Develop 3 recommendations for streamlining operations and workflow in a medical practice specializing in [medical condition]. Provide a brief explanation of each recommendation, within 200 words." Prompt: "Suggest 3 technological solutions to improve efficiency and organization in a medical practice treating [medical condition]. Offer a concise description of each solution, limited to 150 words." Prompt: "Create a process map or workflow diagram for managing patients with [medical condition] in a medical practice setting. Describe 3 examples, each within 250 words." Staff training and development Prompt: "Design a staff training program to improve the understanding and management of [medical condition] in a medical practice. Provide 3 examples, each within 300 words." Prompt: "Develop a professional development plan for healthcare staff to enhance their expertise in [medical condition]. Create 3 examples, each limited to 200 words." Prompt: "Propose 3 strategies to promote a culture of continuous learning and improvement among healthcare staff in a practice treating [medical condition]. Compose 3 strategy descriptions, each no more than 150 words."

Mental health and wellbeing Assessing mental health symptoms and concerns Prompt: "Create a questionnaire to screen for common mental health symptoms associated with [medical condition]. Give me 3 examples. You have 250 words max for each questionnaire." Prompt: "Develop a list of 5 key guestions to ask a patient about their mental health and wellbeing related to [medical condition]. Provide 3 sets of questions, with a brief explanation for each question within 150 words." Prompt: "Design a mental health assessment tool specific to individuals living with [medical condition]. Create 3 concise tool examples with a maximum of 300 words each." Providing mental health support and coping strategies Prompt: "Outline a support group program for individuals experiencing mental health challenges related to [medical condition]. Develop 3 examples, each no more than 200 words." Prompt: "Describe 3 coping strategies for individuals struggling with the mental health impact of [medical condition]. Provide a brief explanation of each strategy, limited to 150 words." Prompt: "Suggest 3 resources to help patients manage the emotional and psychological aspects of living with [medical condition]. Offer a concise description for each resource, within 100 words." Incorporating mental health care into overall treatment plans Prompt: "Propose a treatment plan that integrates mental health care for a patient with [medical condition]. Provide 3 examples, each within 300 words." Prompt: "Discuss 3 strategies for improving communication between mental health professionals and other healthcare providers treating patients with [medical condition]. Develop 3 examples, each limited to 200 words." Prompt: "Create a comprehensive care plan that addresses both the physical and mental health needs of a patient with [medical condition]. Compose 3 care plan examples, each no more than 250 words."

Healthcare marketing and outreach Developing healthcare marketing campaigns Prompt: "Design a marketing campaign to promote a medical practice specializing in [medical condition]. Give me 3 examples. You have 250 words max for each campaign description." Prompt: "Create a content strategy for a healthcare organization focused on [medical condition] to engage and educate potential patients. Provide 3 examples, each within 200 words." Prompt: "Develop a social media plan to increase awareness of a medical clinic treating [medical condition]. Outline 3 concise strategies with a maximum of 150 words each." Building community partnerships and collaborations Prompt: "Propose 3 initiatives to foster collaboration between a healthcare organization specializing in [medical condition] and local community organizations. For each initiative, provide a brief explanation of its potential benefits, within 200 words." Prompt: "Identify 3 potential community partners for a healthcare organization focused on [medical condition]. Offer a concise description of each partner

and the potential collaboration, limited to 150 words." Prompt: "Outline a plan for organizing a community health fair or event that highlights [medical condition]. Develop 3 examples, each no more than 250 words." Improving patient outreach and engagement Prompt: "Design a patient outreach program to provide information and resources for individuals with [medical condition]. Provide 3 examples, each within 300 words." Prompt: "Create a series of educational blog posts or articles targeting individuals living with [medical condition]. Develop 3 content topics, each with a brief description limited to 200 words." Prompt: "Develop an email newsletter strategy to engage and inform patients about new treatments, resources, and research related to [medical condition]. Compose 3 newsletter examples, each no more than 150 words."

Patient privacy and data security Ensuring compliance with privacy regulations Prompt: "Outline 3 best practices for maintaining compliance with healthcare privacy regulations (such as HIPAA) in a medical practice treating [medical condition]. For each practice, provide a brief explanation of its importance, within 200 words." Prompt: "Develop a checklist for conducting regular privacy audits in a healthcare organization focused on [medical condition]. Create 3 checklists, each containing 5 key items, with a maximum of 250 words per checklist." Prompt: "Identify 3 potential privacy risks or vulnerabilities in a healthcare setting that manages patient data for [medical condition]. Offer a concise description of each risk and a suggested mitigation strategy, limited to 150 words." Implementing data security measures Prompt: "Propose 3 data security measures to protect patient information in a medical practice specializing in [medical condition]. Provide a brief explanation of each measure, within 200 words." Prompt: "Create a staff training module outline for data security and patient privacy in a healthcare organization focused on [medical condition]. Develop 3 module outlines, each no more than 250 words." Prompt: "Discuss 3 strategies for fostering a culture of data security and patient privacy among healthcare staff in a practice treating [medical condition]. Compose 3 strategy descriptions, each limited to 150 words." Managing data breaches and security incidents Prompt: "Design a data breach response plan for a healthcare organization managing sensitive patient data related to [medical condition]. Provide 3 examples, each within 300 words." Prompt: "Develop a set of guidelines for healthcare staff to follow in the event of a data security incident involving [medical condition] patient data. Create 3 sets of guidelines, each containing 5 key steps, with a maximum of 250 words per set." Prompt: "Outline a communication plan for notifying patients and relevant authorities in case of a data breach involving patient information for [medical condition]. Compose 3 communication plan examples, each no more than 200 words."

Telemedicine and remote patient care Implementing telemedicine services Prompt: "Develop a plan for integrating telemedicine services into a medical practice focused on [medical condition]. Give me 3 examples. You have 250 words max for each plan." Prompt: "Outline a process for conducting remote patient consultations for individuals with [medical condition]. Provide 3 examples, each within 200 words." Prompt: "Propose 3 strategies for training healthcare staff in providing telemedicine services to patients with [medical condition]. Offer a concise explanation for each strategy, within 150 words." Enhancing patient experience through telemedicine Prompt: "Describe 3 ways to improve patient experience and satisfaction with telemedicine services for [medical condition]. For each way, provide a brief explanation of its potential benefits, within 200 words." Prompt: "Identify 3 potential barriers to successful telemedicine implementation for patients with [medical condition]. Provide a brief analysis of each barrier, limited to 150 words." Prompt: "Suggest 3 initiatives to promote patient engagement and communication through telemedicine services for individuals with [medical condition]. Develop a concise explanation for each initiative, within 100 words." Monitoring and managing patient health remotely Prompt: "Design a remote monitoring program for patients with [medical condition]. Provide 3 examples, each within 300 words." Prompt: "Create a set of guidelines for managing the ongoing care of patients with [medical condition] using telemedicine and remote monitoring. Develop 3 sets of guidelines, each limited to 200 words." Prompt: "Propose a plan for using telemedicine to coordinate care among a multidisciplinary team treating patients with [medical

condition]. Compose 3 care coordination plan examples, each no more than 250 words."

## **ChatGPT prompts for neurosurgery**

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