



ห้องคอมพิวเตอร์ P114 (Mac OS) และ Google Meet

สำหรับนักศึกษาและ บุคลากรคณะวิทยาศาสตร์ (Training in Thai)



ลงทะเบียน

Generative Al Series:

Research Assistant by consensus



Consensus เป็น Generative AI ประเภท Research Assistant ที่จะเป็นผู้ช่วยค้นหา ผลงานวิจัย จากการตั้งคำถาม ผ่านการเขียนคำสั่ง (Prompt) และหาข้อสรุปรวมถึงวิเคราะห์ผลจาก การสืบค้น ซึ่งให้ข้อมูลงานวิจัยมากกว่า 200 ล้านรายการ โดยจะครอบคลุมเนื้อหาทางวิชาการตั้งแต่ ผลงานวิจัยทางการแพทย์ วิทยาศาสตร์ สังคมและเศรษฐศาสตร์

Prompt คือ การเขียนข้อความหรือประโยคอธิบายสิ่งที่เราต้องการให้กับ AI algorithms เพื่อสร้างสิ่งนั้นขึ้นมา ยิ่ง เขียนละเอียดเท่าไหร่ก็ยิ่งออกมาชัดเจนใกล้เคียงกับสิ่งที่เราต้องการมากยิ่งขึ้น



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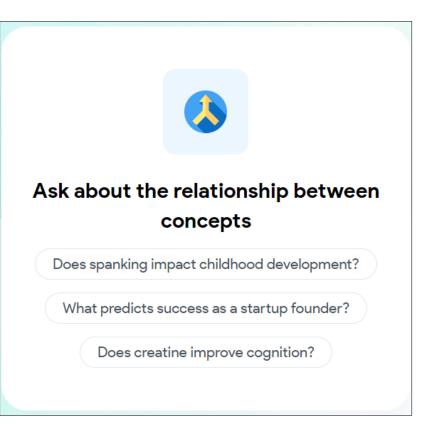
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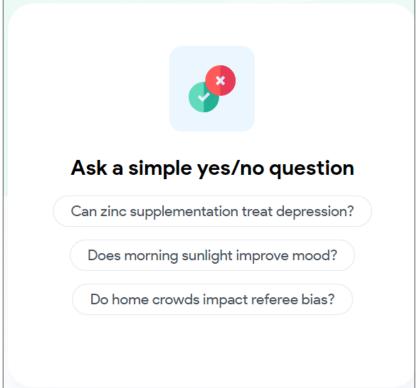
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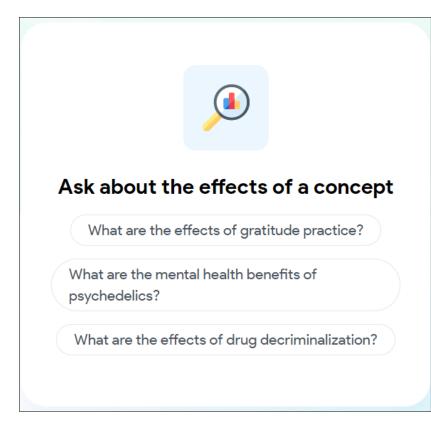
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- And much more. Reach out to help us shape the enterprise product!



Consensus uses AI to find answers in research papers. The best way to search is to ask a question.







What topics I can search for?



Focus on questions that researchers may have studied. Topics range from biology to social sciences!



Supplements

Does NO3 improve exercise performance?

Is ashwagandha good for anxiety?

Is fish oil good for heart health?



Social Policy

Does intergroup contact reduce prejudice?

How to increase voter turnout

Effect of ability grouping on academic performance



Medicine

What is the best treatment for restless leg syndrome?

Are covid vaccines safe for pregnant women?

Does visceral fat increase the risk of cancer?



Economics

Does raising the minimum wage increase unemployment?

Immigration effects on the economy

What is the impact of climate change on GDP?



Mental Health

Do relationships make people happy?

Does physical exercise improve cognition?

Can CBT treat fear?



Sleep

Does magnesium improve sleep?

Can mindfulness help sleep?

Is social media bad for sleep?

Maximize Your Consensus Experience With These Best Practices

July 13, 2022 • By Consensus











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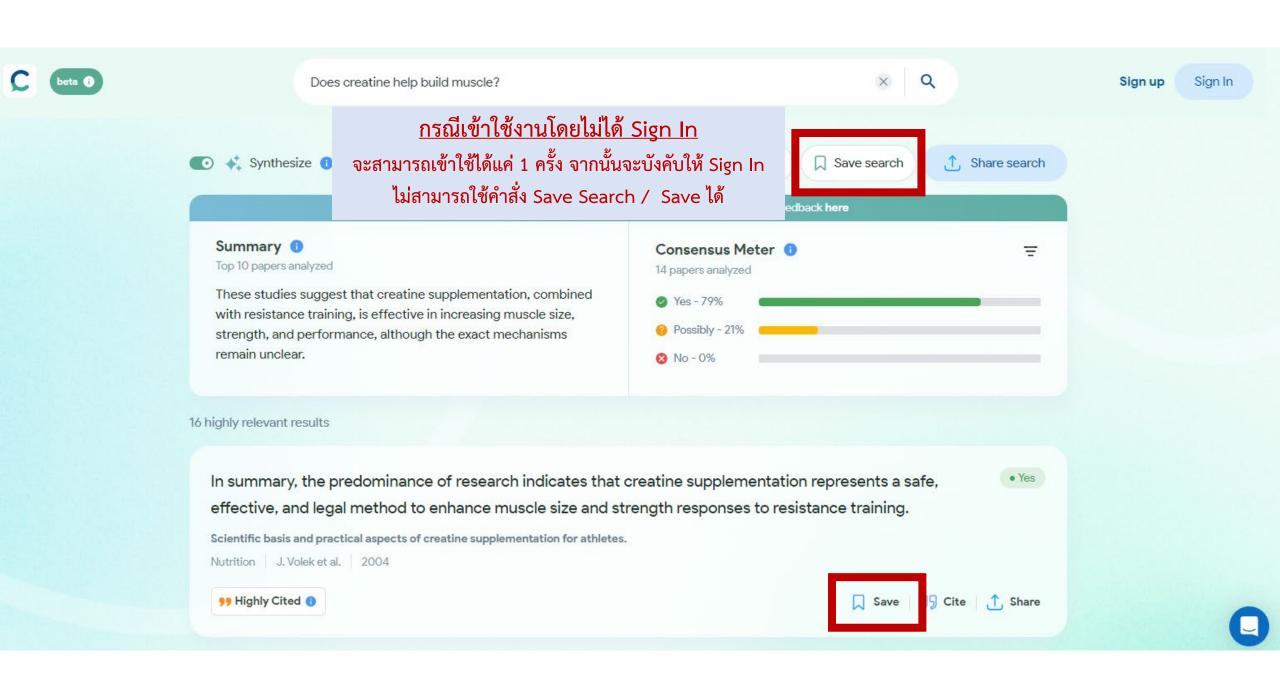
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Evidence-Based Answers, Faster

Consensus is a search engine that uses AI to find insights in research papers

Ask a research question		Q
Does creatine help build muscle?	Can mindfulness improve sleep?	Do direct cash transfers reduce poverty?
	Create an account	
	& start searching now!	









Create your account

to continue to Consensus

First name Optional			
- Institution of property	Last nar	ne (Optiona
Email address			
Password			
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แสดงรูปโปรไฟล์ / ชื่อ ของผู้ใช้งาน

Ask a question, get conclusions from research papers

Ask a research question

Q

Try Searching:

does creatine help build muscle?

what are benefits of mindfulness?

do direct cash transfers reduce poverty?



Eric from Consensus < Eric@consensus.app> Unsubscribe

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Thank you for activating your Consensus account, welcome!

Consensus is a search engine that uses language models to surface & synthesize answers from research papers. Our mission is to make expert knowledge accessible for everyone.

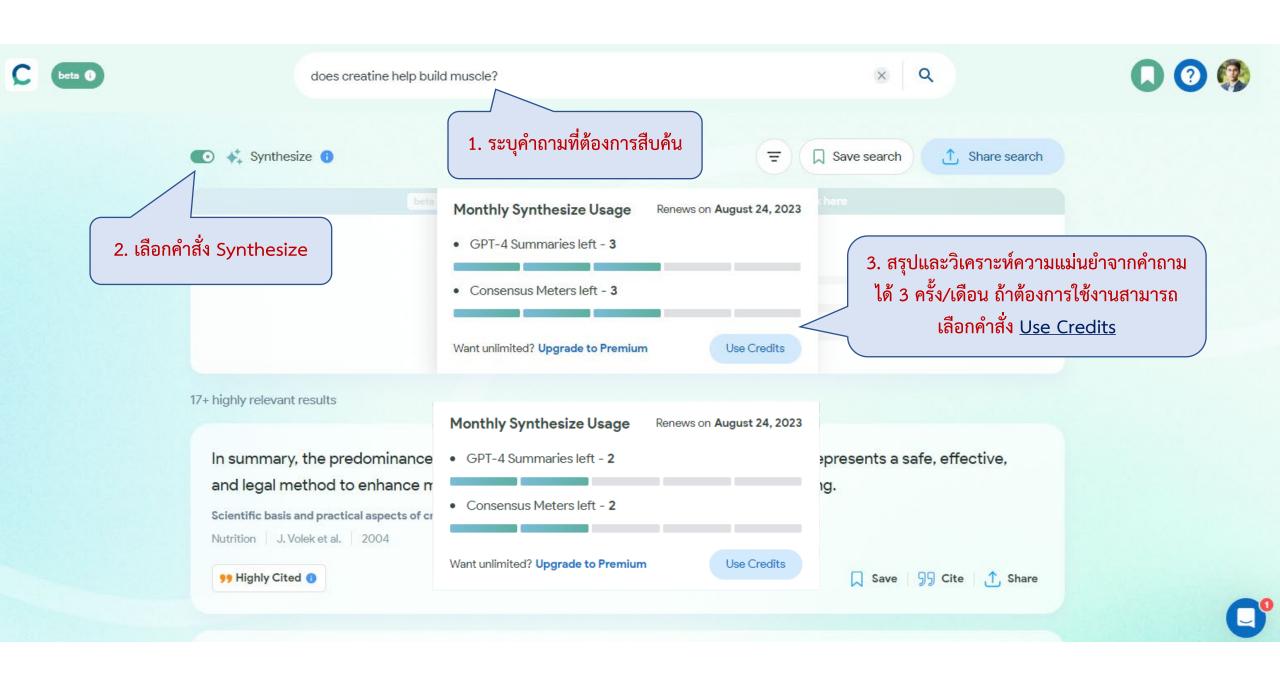
To learn more, check out our best practices and how a search works.

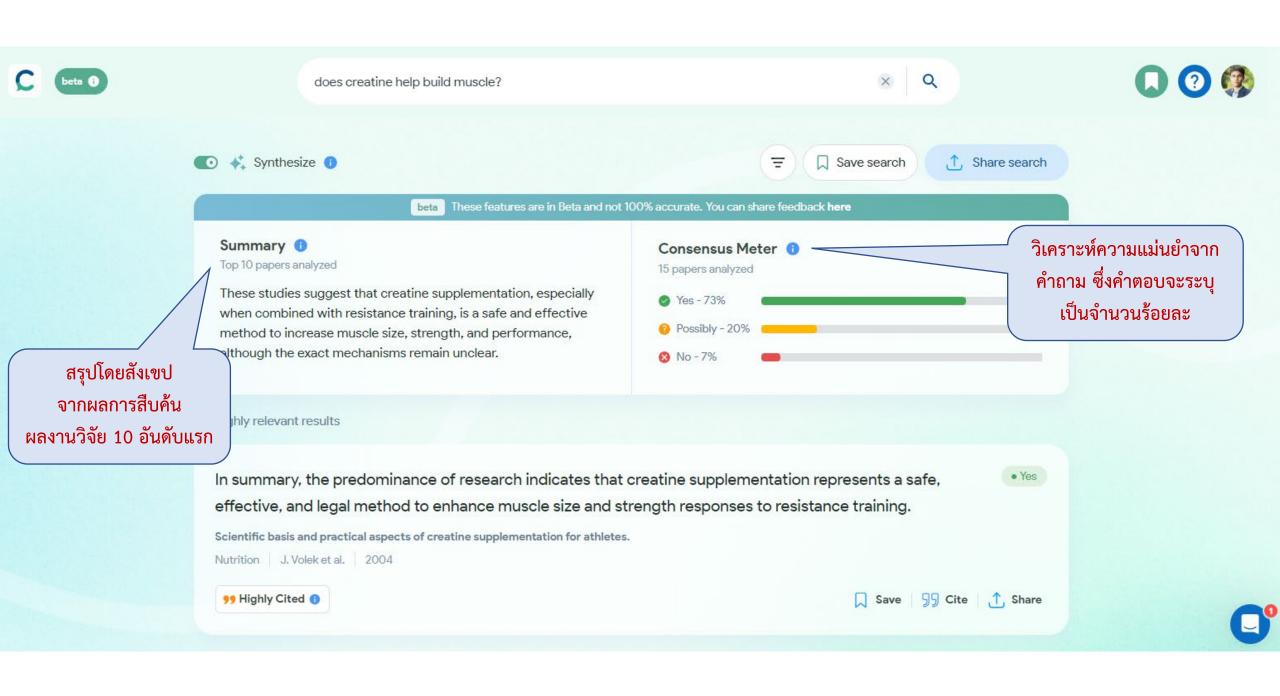
Or, hop right in and check out some of these fascinating queries:

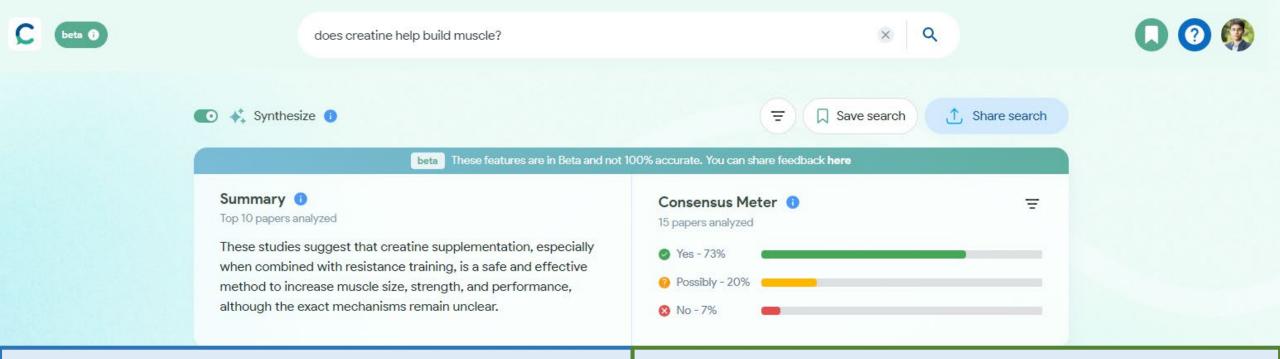
- Does creatine improve cognition?
- Does intergroup contact reduce prejudice?
- · What are the effects of immigration on the economy

To get unlimited access to the Consensus product & all of the new features we will be releasing this year, sign-up for Premium today!

Join Consensus Premium Today!







Summary

Beta Feature

The Summary feature attempts to synthesize the most relevant findings in Consensus into a single sentence that answers your question. We can only analyze up to 10 papers at a time, so we may be missing important research.

Info

This feature is powered by a generative AI model, and may generate incorrect information.

Please read the papers, consult additional trusted sources, and do not use the summary to make big life decisions.

Consensus Meter

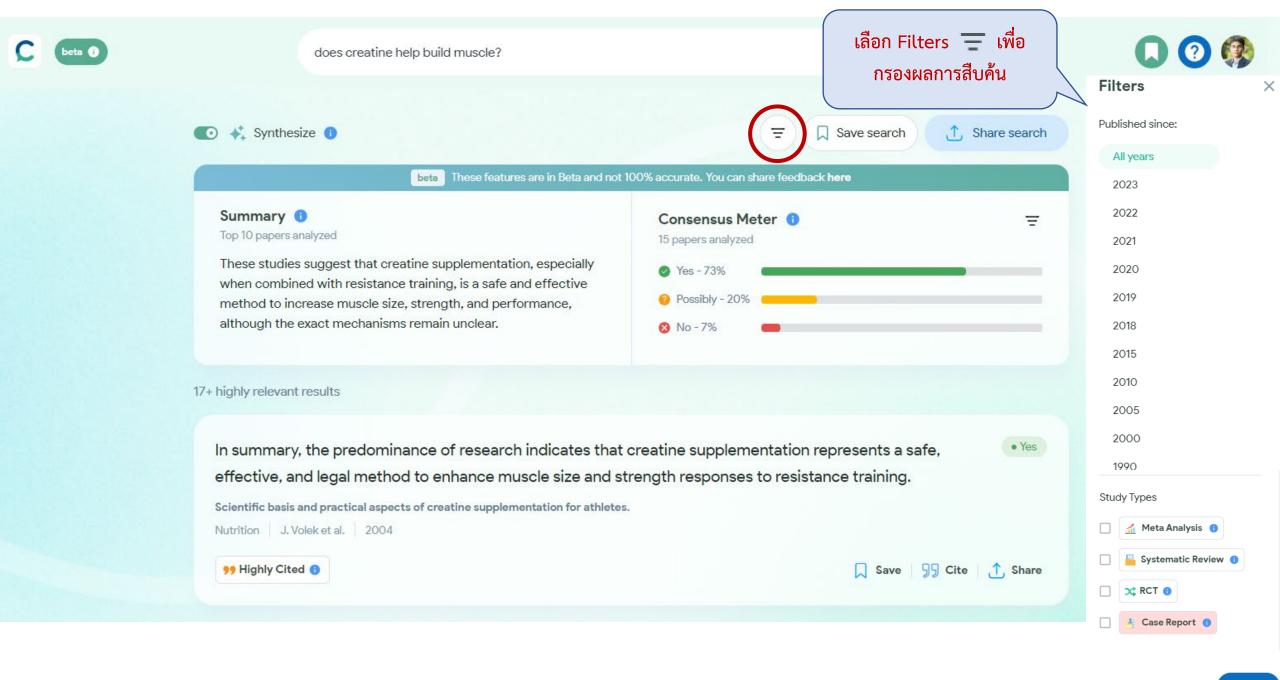
Beta Feature

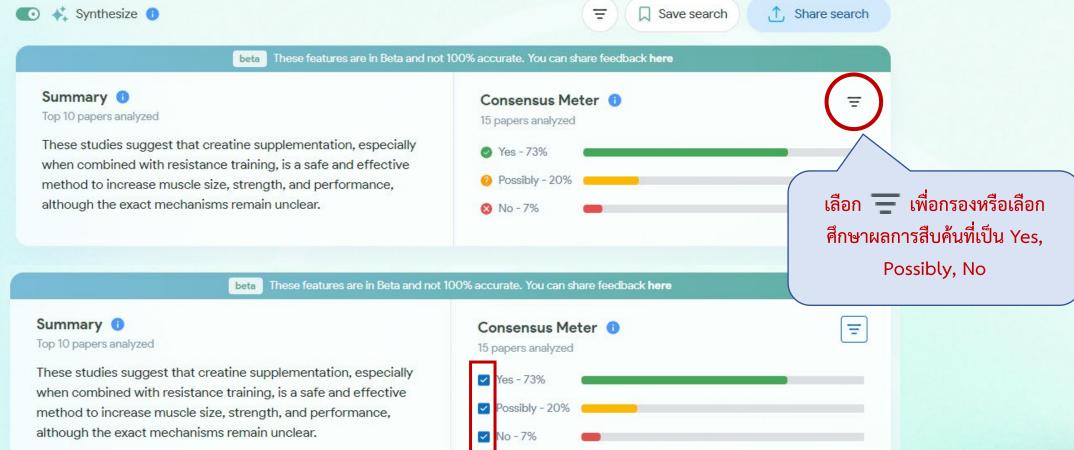
The Consensus Meter attempts to classify the most relevant findings based on how they would answer your question. The maximum # of papers we can analyze is 20, so we may be missing important research.

Info

Our current model is only 90% accurate and may miss important context.

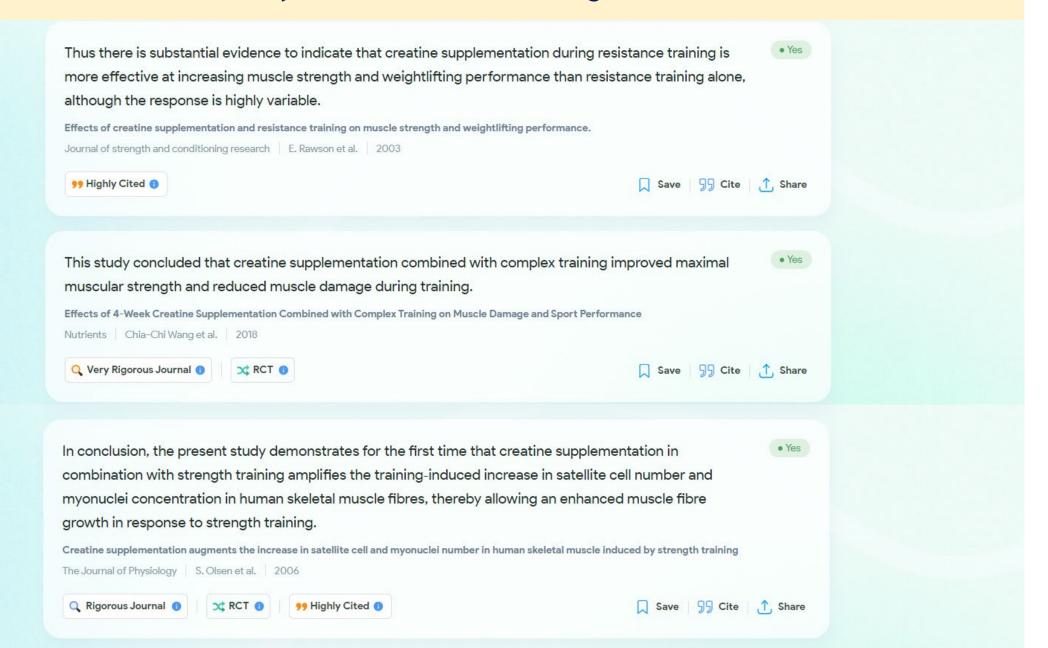
Please read the papers, consult additional trusted sources, and do not use the meter to make big life decisions.







Symbols and Meanings



Symbols and Meanings



Systematic Review

A systematic review is a summary of the scientific literature related to a question. Findings from systematic reviews may be useful as authors synthesize results from many different papers.



From a paper in the top 5% of most cited papers in our database. Having lots of citations does not necessarily mean the finding is more valid, but it is an indicator of a paper's influence.

🔘 Very Rigorous Journal

This issue ranked in the **top 10%** of journals measured by SciScore The **SciScore Rigor and Transparency Index** scores thousands of journals on specific scientific rigor criteria, such as randomization, blinding, and statistical power

Rigorous Journal

This issue ranked in the **top 50%** of journals measured by SciScore The **SciScore Rigor and Transparency Index** scores thousands of journals on specific scientific rigor criteria, such as randomization, blinding, and statistical power



Meta-analysis

A meta-analysis is a statistical analysis that combines data from many studies in order to reduce the error of any one study. While often considered high quality evidence, it is still subject to the quality of the underlying studies.



RCT

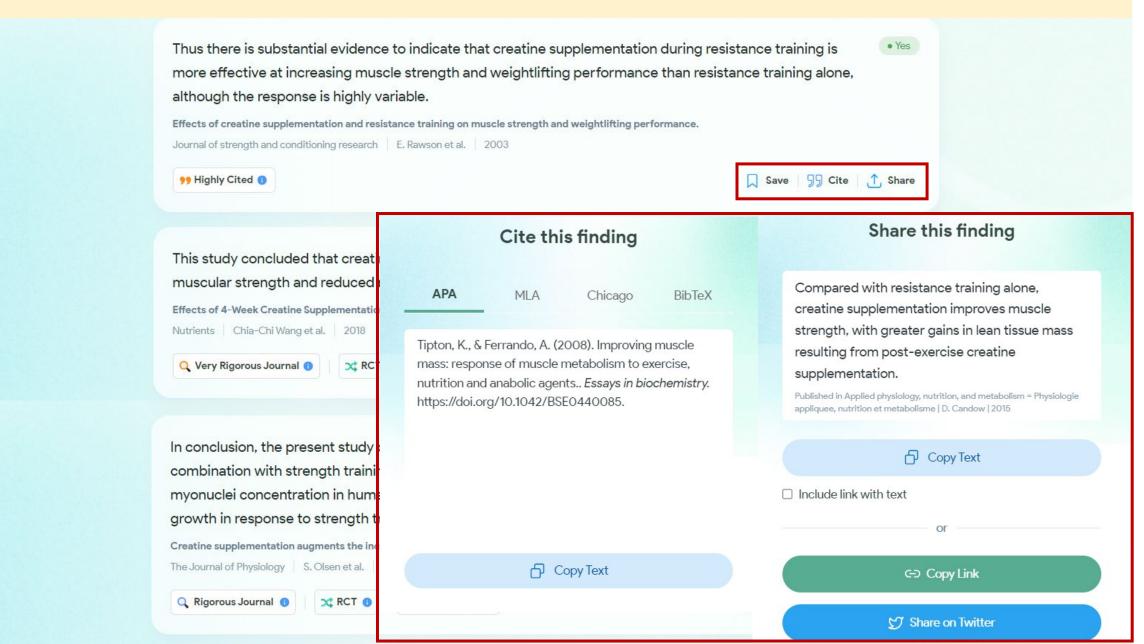
A randomized controlled trial is a study where participants are randomly assigned to the control or the experimental group. RCTs are considered the gold-standard for experimental design.



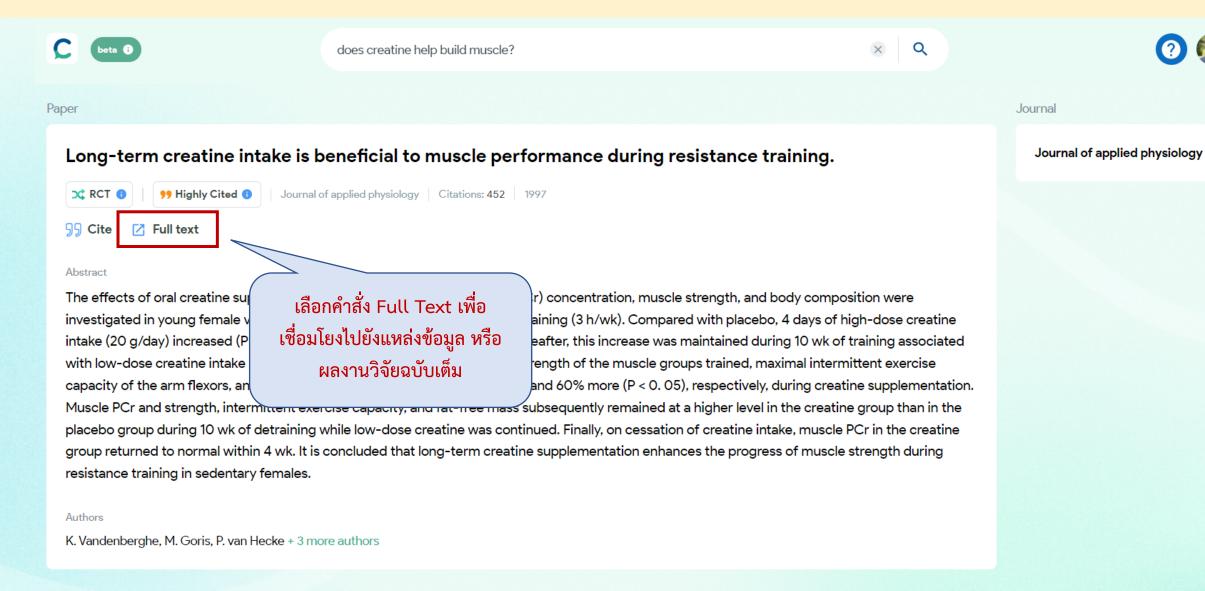
Case Report

A case report is a paper that describes an individual case or subject (n = 1). While case reports can be useful anecdotes to justify further research, findings should not be generalized.

Symbols and Meanings



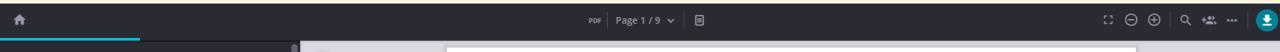
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Journal of Applied Physiology Volume 83, Issue 6

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Long-term creatine intake is beneficial to muscle performance during resistance training

View article page

K. Vandenberghe, M. Goris, P. Van Hecke, M. Van Leemputte, L. Vangerven and P. Hespel



Copyright © 1997 the American Physiological Society https://doi.org/10.1152/jappl.1997.83.6.2055

Publisher American Physiological Society

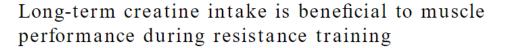
8750-7587

eISSN 1522-1601

Print **December 1, 1997**

Accepted July 30, 1997 Received March 13, 1997

2055 - 2063 **Pages**



K. VANDENBERGHE, M. GORIS, P. VAN HECKE, 2 M. VAN LEEMPUTTE. L. VANGERVEN. AND P. HESPEL L ¹Department of Kinesiology, Faculty of Physical Education and Physiotherapy, and ²Biomedical Nuclear Magnetic Resonance Unit, Department of Radiology, Faculty of Medicine, Katholieke Universiteit Leuven; and ³Department Rega School, Katholieke Hogeschool Leuven, B-3001 Leuven, Belgium

Vandenberghe, K., M. Goris, P. Van Hecke, M. Van Leemputte, L. Vangerven, and P. Hespel. Long-term creatine intake is beneficial to muscle performance during resistance training. J. Appl. Physiol. 83(6): 2055-2063, 1997.— The effects of oral creatine supplementation on muscle phosphocreatine (PCr) concentration, muscle strength, and body composition were investigated in young female volunteers (n = 19) during 10 wk of resistance training (3 h/wk). Compared with placebo, 4 days of high-dose creatine intake (20 g/day) increased (P < 0.05) muscle PCr concentration by 6%. Thereafter, this increase was maintained during 10 wk of training associated with low-dose creatine intake (5 g/day). Compared with placebo, maximal strength of the muscle groups trained, maximal intermittent exercise capacity of the arm flexors, and fat-free mass were increased 20-25, 10-25, and 60% more (P < 0.05), respectively, during creatine supplementation. Muscle PCr and strength, intermittent exercise capacity, and fat-free mass subsequently remained at a higher level in the creatine group than in the placebo group during 10 wk of detraining while low-dose creatine was continued. Finally, on cessation of creatine intake, muscle PCr in the creatine group returned to normal within 4 wk. It is concluded that long-term creatine supplementation enhances the progress of muscle strength during resistance training in sedentary females.

phosphorus-31-nuclear magnetic resonance; ergogenics; diet; intermittent exercise

creatine loss. On the other hand, fragmentary in vivo and in vitro evidence in literature suggest that creatine probably is needed for additional cellular functions than just phosphocreatine (PCr) production. Animals in which muscle creatine depletion was induced by feeding of creatine analogs have been shown to exhibit growth retardation and general weakness and at the same time to develop muscle ultrastructural abnormalities, including disruption of thin myofilaments, dilation of mitochondria, and disruption of Z bands (17, 20, 25, 28). Interestingly, such ultrastructural abnormalities resulting from abnormalities in creatine metabolism also have been associated with the incidence of muscular dystrophy or myopathy (27). Furthermore, on one hand, prolonged oral creatine supplementation has been shown to increase type II muscle fiber diameter (17) in patients with eye muscle atrophy. On the other hand, Earnest et al. (9) have reported that short-term creatine intake increases fat-free mass in strengthtrained athletes. Accordingly, some (4, 16) but not all (10) in vitro findings indicate creatine stimulates the biosynthesis of muscle myosin. Given these earlier in vivo and in vitro findings, it is reasonable to speculate that oral creatine supplementation may exert an anabolic action in humans and thereby is likely to enhance the effects of resistance training on muscle mass and strength.

may be conserved for a period of 4 wk by continued

creatine ingestion in a dosage equaling daily body