



## Birth Advancements Impact Walking and Pelvis Health

### Description

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Hip width is affected by brain size and walking style, says a study. A wider pelvis may lower birth risks but raise chances of back pain. A narrow pelvis may speed up walking but cause more birth problems and joint pain. Pelvic width does not affect pregnancy length.

People with wider hips may have babies with bigger heads. Many have slightly uneven hips linked to their hand dominance. This study provides new insights into human evolution.

Large data sets were used in the research, with participants over 40 in the UK. Further studies on younger and diverse groups could reveal more. The study was praised by experts for its blend of anatomy, genetics, and behavior data.

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## Vocabulary List:

1. **Pelvis** /'pɛl.vɪs/ (noun): The lower part of the torso containing the hip bones and the organs of reproduction.
2. **Birth** /bɜːrθ/ (noun): The emergence of a baby or other young from the body of its parent.
3. **Complications** /,kɒmplɪ'keɪʃənz/ (noun): Difficulties or problems that arise from a situation or condition.
4. **Dominance** /'dɒmɪnəns/ (noun): The state of being in control or having power over others.
5. **Insights** /'ɪn.saɪts/ (noun): Deep understandings or perceptions of a situation or concept.
6. **Genetics** /dʒə'netɪks/ (noun): The study of heredity and the variation of inherited characteristics.

## Comprehension Questions

### Multiple Choice

1. What factors affect hip width according to the study?

- Option: Brain size and walking style
- Option: Hand dominance and foot size
- Option: Diet and exercise habits
- Option: Overall body weight and height

2. How does a wider pelvis affect birth risks?

- Option: Increases birth risks
- Option: Lowers birth risks
- Option: Has no impact on birth risks
- Option: Causes joint pain



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3. What may a narrow pelvis cause?
- Option: Back pain
  - Option: Slower walking
  - Option: More birth problems and joint pain
  - Option: Increased pregnancy length
4. What is the relationship between wider hips and baby head size?
- Option: No relationship
  - Option: Babies with bigger heads
  - Option: Babies with smaller heads
  - Option: Unknown relationship
5. What did experts praise the study for?
- Option: Focusing only on anatomy
  - Option: Neglecting genetic data
  - Option: Including behavior data
  - Option: Using limited data
6. What could further studies on younger and diverse groups reveal?
- Option: No new insights
  - Option: Less data accuracy
  - Option: More about human evolution
  - Option: Irrelevant information

**True-False**

7. Pelvic width affects pregnancy length.
8. People with wider hips are likely to have joint pain.
9. Participants in the research were only under 40 in the UK.
10. The study blends anatomy, genetics, and behavior data.
11. Pelvic width has no impact on back pain.
12. A wider pelvis increases the chances of back pain.



## Gap-Fill

13. Pelvic width does not affect \_\_\_\_\_.
14. The study was praised for its blend of anatomy, genetics, and \_\_\_\_\_ data.
15. Further studies on younger and diverse groups could reveal more about \_\_\_\_\_ evolution.
16. People with wider hips may have babies with \_\_\_\_\_ heads.
17. The study used large data sets with participants over \_\_\_\_\_ in the UK.
18. A wider pelvis may lower birth risks but raise the chances of \_\_\_\_\_ pain.

## Answer

- Multiple Choice:** 1. Brain size and walking style 2. Lowers birth risks 3. More birth problems and joint pain 4. Babies with bigger heads 5. Including behavior data 6. More about human evolution
- True-False:** 7. False 8. True 9. False 10. True 11. False 12. True
- Gap-Fill:** 13. pregnancy length 14. behavior 15. human 16. bigger 17. 40 18. back

## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. Which branch of physics deals with the behavior of particles at the atomic and subatomic levels?
- Option: Quantum
  - Option: Complex
  - Option: Cyber
  - Option: Genetics
2. Who are individuals with specialized knowledge in a particular field?
- Option: Challenges
  - Option: Experts
  - Option: Regulating
  - Option: Dominance



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3. In a medical study what is an inactive substance or treatment that has no therapeutic effect?
- Option: Systems
  - Option: Placebo
  - Option: Cycle
  - Option: Tropical
4. Which medication is used for the acute treatment of migraines in adults?
- Option: Primary
  - Option: Pelvis
  - Option: Ubrogapant
  - Option: Birth
5. What is the long-term pattern of temperature humidity and rainfall in an area?
- Option: Repeat
  - Option: Insights
  - Option: Climate
  - Option: Recovering
6. What type of malicious software threatens to publish a victim's data or perpetually block access to it unless a ransom is paid?
- Option: Sensitivity
  - Option: Ransomware
  - Option: Understanding
  - Option: Dizziness
7. What are difficulties or obstacles that need to be overcome?
- Option: Challenges
  - Option: Dominance
  - Option: Quantum
  - Option: Genetics
8. Which field of biology focuses on the study of genes and heredity?
- Option: Cyber
  - Option: Features
  - Option: Genetics
  - Option: Regulating
9. What is the process of regaining health or returning to normalcy after an illness or injury?
- Option: Trust
  - Option: Recovering
  - Option: Migraines
  - Option: Cyber



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10. Which climate zone is characterized by warm temperatures and high humidity?

Option: Symptoms

Option: Tropical

Option: Experts

Option: Complex

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. The water cycle involves the continuous movement of water through the atmosphere land and

\_\_\_\_\_.

12. \_\_\_\_\_ complications can arise during pregnancy or labor that require medical attention.

13. Some individuals have a high level of auditory \_\_\_\_\_ making them sensitive to loud noises.

14. In genetics the principle of \_\_\_\_\_ states that some alleles are dominant over others.

15. A computer \_\_\_\_\_ can be vulnerable to cyber attacks if not properly secured.

16. Consulting with medical \_\_\_\_\_ can provide valuable insights into complex health conditions.

17. Governments play a key role in \_\_\_\_\_ industries to ensure fair competition and consumer protection.

18. The spread of \_\_\_\_\_ attacks highlights the importance of cybersecurity measures.

19. Studying the genetic code can provide valuable \_\_\_\_\_ into hereditary diseases.

20. Understanding the \_\_\_\_\_ nature of quantum mechanics is a significant challenge for physicists.



**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

21. Severe headaches that can be accompanied by sensitivity to light and sound.
22. A feeling of lightheadedness or unsteadiness that can be caused by various factors.
23. The basin-shaped structure in the lower part of the trunk that supports the spine and hips.
24. The ability to comprehend or grasp the meaning of something.
25. Distinct characteristics or traits of a particular object or system.
26. The confidence and reliance placed in someone or something.
27. Interconnected components working together to achieve a specific objective.
28. Individuals with specialized knowledge and skills in a particular field.
29. A series of events or processes that repeat in a particular order.
30. The average weather conditions in a region over a long period of time.

**Answer**

**Multiple Choice:** 1. Quantum 2. Experts 3. Placebo 4. Ubrogapant 5. Climate 6. Ransomware 7. Challenges 8. Genetics 9. Recovering 10. Tropical

**Gap-Fill:** 11. oceans 12. Birth 13. sensitivity 14. dominance 15. system 16. experts 17. regulating 18. cyber 19. insights 20. complex

**Matching sentence:** 1. Migraines 2. Dizziness 3. Pelvis 4. Understanding 5. Features 6. Trust 7. Systems 8. Experts 9. Cycle 10. Climate

**CATEGORY**

1. Sci/Tech - LEVEL2

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