# Physiotherapy Modalities-Thermo

Author: M Rhodes

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- 4. Chapter: Physiotherapy Modalities-Thermo
- 1. Physiotherapy Modalities-Thermo Questions

#### 4.1.1. Thermotherapy is:

#### Author: M Rhodes

Thermotherapy is:

Please choose only one answer:

- Therapeutic use of heat
- · application of substance or material that results in the addition of heat to the body
- heat transfer
- all of the above

Check the answer of this question online at QuizOver.com: Question: Thermotherapy is: Modalities-Thermo Quest

Flashcards:

http://www.quizover.com/flashcards/question-thermotherapy-is-modalities-thermo-quest?pdf=1509

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4.1.2. What are the Mechanisms of Heat Transfer in Thermotherapy?

#### Author: M Rhodes

What are the Mechanisms of Heat Transfer in Thermotherapy?

Please choose only one answer:

- Conduction, Convection, Consession
- Conduction, Convection, Radiation and Conversion

Check the answer of this question online at QuizOver.com: Question: What are the Mechanisms of Heat Transfer in Modalities-Thermo Quest

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#### 4.1.3. some examples of Conduction are

#### Author: M Rhodes

some examples of Conduction are

Please choose only one answer:

- heat pack
- paraffin bath
- hot bath
- cold packs
- A,B & C

Check the answer of this question online at QuizOver.com: Question: some examples of Conduction are Modalities-Thermo Quest

Flashcards: http://www.quizover.com/flashcards/question-some-examples-of-conduction-are-modalities-thermo-quest?pdf=1509

Interactive Question: http://www.quizover.com/question/question-some-examples-of-conduction-are-modalities-thermo-quest?pdf=1509 4.1.4. Heat is transferred by direct contact between the subject and the s...

#### Author: M Rhodes

Heat is transferred by direct contact between the subject and the source and Static application refer to:

Please choose only one answer:

- Conduction
- Convection
- Conversion
- Raditation

Check the answer of this question online at QuizOver.com: Question: Heat is transferred by direct contact between Modalities-Thermo Quest

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Interactive Question:

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#### 4.1.5. Examples of Radiation include:

#### Author: M Rhodes

Examples of Radiation include:

Please choose only one answer:

- Infrared lamps
- laser
- A & B

Check the answer of this question online at QuizOver.com: Question: Examples of Radiation include: Modalities-Thermo Quest

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Interactive Question:

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4.1.6. Heat is transferred when particles (air or water) move across the b...

#### Author: M Rhodes

Heat is transferred when particles (air or water) move across the body creating a temperature variation refers to:

Please choose only one answer:

- Conduction
- Convection
- Radiation
- Conversion

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Flashcards:

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Interactive Question:

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4.1.7. Heat transferred through a conducting medium (typically air) refers...

#### Author: M Rhodes

Heat transferred through a conducting medium (typically air) refers to:

Please choose only one answer:

- Conduction
- Convection
- Radiation
- Conversion

Check the answer of this question online at QuizOver.com: Question: Heat transferred through a conducting medium Modalities-Thermo Quest

Flashcards:

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Interactive Question:

http://www.quizover.com/question/question-heat-transferred-through-a-conducting-medium-modalities-therm?pdf=1509

4.1.8. Heat is transferred by a device that converts energy from one form ...

#### Author: M Rhodes

Heat is transferred by a device that converts energy from one form to another refers to:

Please choose only one answer:

- Conversion
- Conduction
- Convection

Check the answer of this question online at QuizOver.com: Question: Heat is transferred by a device that converts Modalities-Thermo Quest

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4.1.9. Ultrasound and diathermy are example of:

#### Author: M Rhodes

Ultrasound and diathermy are example of:

Please choose only one answer:

- Radiation
- Conduction
- Convection
- Conversion

Check the answer of this question online at QuizOver.com: Question: Ultrasound and diathermy are example of: Modalities-Thermo Quest

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4.1.10. Warm whirlpool and fluidotherapy are examples of:

#### Author: M Rhodes

Warm whirlpool and fluidotherapy are examples of:

Please choose only one answer:

- Conduction
- Convection
- Conversion

Check the answer of this question online at QuizOver.com: Question: Warm whirlpool and fluidotherapy are examples of Modalities-Thermo

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4.1.11. The amount of energy needed to raise the temp of a material is know...

#### Author: M Rhodes

The amount of energy needed to raise the temp of a material is known as

Please choose only one answer:

- variant heat
- specific heat
- non-specific heat

Check the answer of this question online at QuizOver.com: Question: The amount of energy needed to raise the temp of Modalities-Thermo

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Interactive Question:

http://www.quizover.com/question/question-the-amount-of-energy-needed-to-raise-the-temp-of-modalities-t?pdf=1509

#### 4.1.12. The specific heat of water is

#### Author: M Rhodes

The specific heat of water is

Please choose only one answer:

- 1
- 2
- 4
- 8

Check the answer of this question online at QuizOver.com: Question: The specific heat of water is Modalities-Thermo Quest

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4.1.13. what substance have the same number for specific heat?

#### Author: M Rhodes

what substance have the same number for specific heat?

Please choose only one answer:

- air and water
- air and paraffin

Check the answer of this question online at QuizOver.com: Question: what substance have the same number for specific Modalities-Thermo

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Interactive Question:

http://www.quizover.com/question/question-what-substance-have-the-same-number-for-specific-modalities-t?pdf=1509

4.1.14. The specific heat of paraffin is:

#### Author: M Rhodes

The specific heat of paraffin is:

Please choose only one answer:

- 1
- 1.2
- 3
- 5

Check the answer of this question online at QuizOver.com: Question: The specific heat of paraffin is: Modalities-Thermo Quest

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#### 4.1.15. The specific heat for air is:

#### Author: M Rhodes

The specific heat for air is:

Please choose only one answer:

- 2
- 1
- 1.2
- 5

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4.1.16. The Rate at which a material transfers heat is:

#### Author: M Rhodes

The Rate at which a material transfers heat is:

Please choose only one answer:

- Thermal Conductivity
- Specific Heat
- Thermotherapy

Check the answer of this question online at QuizOver.com: Question: The Rate at which a material transfers heat is: Modalities-Thermo

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#### 4.1.17. air and fat are:

#### Author: M Rhodes

air and fat are:

Please choose only one answer:

- Conductors
- Insulators

Check the answer of this question online at QuizOver.com: Question: air and fat are: Modalities-Thermo Quest

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Interactive Question: http://www.quizover.com/question/question-air-and-fat-are-modalities-thermo-quest?pdf=1509 4.1.18. Water, Bone, Muscle are

#### Author: M Rhodes

Water, Bone, Muscle are

Please choose only one answer:

- conductors
- insulators

Check the answer of this question online at QuizOver.com: Question: Water Bone Muscle are Modalities-Thermo Quest

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4.1.19. Local reflex vasodilation occurs at the site if heat application an...

#### Author: M Rhodes

Local reflex vasodilation occurs at the site if heat application and local release of chemical mediators of inflammation (histamins and Prostaglandins) is apart of:

Please choose only one answer:

- Hemodynamic effect
- Metabolic effect
- neuromuscular effect

Check the answer of this question online at QuizOver.com: Question: Local reflex vasodilation occurs at the site if Modalities-Thermo

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#### 4.1.20. what are the effects of thermotherapy?

#### Author: M Rhodes

what are the effects of thermotherapy?

Please choose only one answer:

- Metabolic effect, Hemodynamic effect, Neuromuscular effect and Tissue Extensibility
- Metabolic effect, Hemodynamic effect, and Neuromuscular effect
- None of the above

Check the answer of this question online at QuizOver.com: Question: what are the effects of thermotherapy Modalities-Thermo Quest

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4.1.21. Vasodilation allows increases blood flow and increased blood flow b...

#### Author: M Rhodes

Vasodilation allows increases blood flow and increased blood flow brings more O2 and nutrients to the site are apart of which effect of thermotherapy?

Please choose only one answer:

- Hemodynamic
- Metabolic
- Neuromuscular
- Tissue Extansibility

Check the answer of this question online at QuizOver.com: Question: Vasodilation allows increases blood flow and Modalities-Thermo Quest

Flashcards: http://www.quizover.com/flashcards/question-vasodilation-allows-increases-blood-flow-and-modalities-therm?pdf=1509

Interactive Question: http://www.quizover.com/question/question-vasodilation-allows-increases-blood-flow-and-modalities-therm?pdf=1509 4.1.22. Increase in local tissue temp increases the metabolic rate. This is...

#### Author: M Rhodes

Increase in local tissue temp increases the metabolic rate. This is apart of

Please choose only one answer:

- neuromuscular effect
- metabolic effect

Check the answer of this question online at QuizOver.com: Question: Increase in local tissue temp increases the Modalities-Thermo Quest

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Author: M Rhodes
------------------

Metabolism increases \_\_\_\_\_ % for every \_\_\_\_\_ degrees Celcius increase

Please choose only one answer:

- 12,20
- 13,10
- 5,12

Check the answer of this question online at QuizOver.com: Question: Metabolism increases for every degrees Celcius Modalities-Thermo

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#### 4.1.24. Hemoglobin releases twice as much oxygen at \_\_\_\_\_ degrees celcius

#### Author: M Rhodes

Hemoglobin releases twice as much oxygen at \_\_\_\_\_ degrees celcius

Please choose only one answer:

- 41
- 12

Check the answer of this question online at QuizOver.com: Question: Hemoglobin releases twice as much oxygen at Modalities-Thermo Quest

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#### 4.1.25. Oxygen drives metabolism

#### Author: M Rhodes

Oxygen drives metabolism

Please choose only one answer:

- true
- false

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Interactive Question: http://www.quizover.com/question/question-oxygen-drives-metabolism-modalities-thermo-quest?pdf=1509 4.1.26. Heat decreases the intensity of pain through what theory

#### Author: M Rhodes

Heat decreases the intensity of pain through what theory

Please choose only one answer:

- opiad theory
- gate control theory

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4.1.27. heat decreases muscle guarding and spasms by:

#### Author: M Rhodes

heat decreases muscle guarding and spasms by:

Please choose only one answer:

- decreasing firing of type II afferents and gamma efferents
- increasing type (lb)
- reduction of A-alpha nuerons, causing relaxation
- all of the above

Check the answer of this question online at QuizOver.com: Question: heat decreases muscle guarding and spasms by: Modalities-Thermo Quest

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#### 4.1.28. Heat decreases tissue extensibility?

#### Author: M Rhodes

Heat decreases tissue extensibility?

Please choose only one answer:

- True
- False

Check the answer of this question online at QuizOver.com: Question: Heat decreases tissue extensibility Modalities-Thermo Quest

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4.1.29. Plastic changes in soft tissue are more likely when it is heated- a...

#### Author: M Rhodes

Plastic changes in soft tissue are more likely when it is heated- achieved when tissue temp is maintained at 40-40 C (104-113F) for 5 to 10 mins. These statements are apart of

Please choose only one answer:

- neuromuscular effect
- tissue extensibilty

Check the answer of this question online at QuizOver.com: Question: Plastic changes in soft tissue are more likely Modalities-Thermo

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#### 4.1.30. Benefits of Thermotherapy include:

#### Author: M Rhodes

Benefits of Thermotherapy include:

Please choose only one answer:

- accelerated healing
- pain control and relaxation
- decreased muscle spasm
- inc rom and dec jnt stiffness
- all of the above

Check the answer of this question online at QuizOver.com: Question: Benefits of Thermotherapy include: Modalities-Thermo Quest

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#### 4.1.31. Thermotherapy can be used in

#### Author: M Rhodes

Thermotherapy can be used in

Please choose only one answer:

- subacute situations
- chronic situations
- both

Check the answer of this question online at QuizOver.com: Question: Thermotherapy can be used in Modalities-Thermo Quest

Flashcards:

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Interactive Question:

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#### 4.1.32. NEVER use Thermotherapy with

#### Author: M Rhodes

NEVER use Thermotherapy with

Please choose only one answer:

- acute conditions
- skin anesthesia
- malignancies, thromophlebitis, hemorrhagin areas
- pregannt uterus
- all of the above

Check the answer of this question online at QuizOver.com: Question: NEVER use Thermotherapy Modalities-Thermo Quest

Flashcards: http://www.quizover.com/flashcards/question-never-use-thermotherapy-modalities-thermo-quest?pdf=1509

Interactive Question: http://www.quizover.com/question/question-never-use-thermotherapy-modalities-thermo-quest?pdf=1509 4.1.33. paraffin wax is mixed with mineral oil. the ratio is

#### Author: M Rhodes

paraffin wax is mixed with mineral oil. the ratio is

Please choose only one answer:

- 6:1
- six parts paraffin, one part mineral oil
- both

Check the answer of this question online at QuizOver.com: Question: paraffin wax is mixed with mineral oil. the ratio Modalities-Thermo

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Interactive Question:

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4.1.34. The addition of mineral oil decreases the melting point

#### Author: M Rhodes

The addition of mineral oil decreases the melting point

Please choose all the answers that apply:

- true
- false

Check the answer of this question online at QuizOver.com: Question: The addition of mineral oil decreases the melting Modalities-Thermo

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4.1.35. paraffin is most effaicacious for chronic arthritis in the hands an...

#### Author: M Rhodes

paraffin is most effaicacious for chronic arthritis in the hands and feet

Please choose only one answer:

- true
- false

Check the answer of this question online at QuizOver.com: Question: paraffin is most effaicacious for chronic arthritis Modalities Quest

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4.1.36. diathrmy can penetrate tissue much deeper than hot packs

#### Author: M Rhodes

diathrmy can penetrate tissue much deeper than hot packs

Please choose only one answer:

- true
- false

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