

Application Study

Study title:	Measurement of Skin Surface Temperature in the Shoulder Area of Volunteers
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Source:	Pain. 2003 Nov; 106 (1-2): 59-64
Test Product:	Therapeutic Heat Pad small, 15 x 10cm
Study objective:	Measurement of skin temperature underneath the Hansaplast® Therapeutic Heat Pad applied to healthy skin
Method:	Application of the Hansaplast® Therapeutic Heat Pad on healthy skin in the shoulder area for 8–10 hours and measurement of temperature below the pad by mobile temperature sensors (Tinytag Ultra) Evaluation of heat perception, wearing comfort, adherence and other observations by means of a questionnaire
Results:	Therapeutic temperature is already reached 30 minutes after application The mean skin temperature was in a range of 40 to 43 °C within 30 minutes and 8 hours after application There were no complaints about residual adhesive mass after removing or about an unpleasant smell of the Hansaplast® Therapeutic Heat Patch



Conclusion

Hansaplast med Therapeutic Heat Pad delivers constant external heat in the range of 40 to 43°C up to 8 hours after application. It adheres well to the skin and can easily be removed. It leaves no residues on the skin and is odor-free.