CLAIMS

1. Device (1) for the hyperthermal treatment of itching or herpes diseases comprising

    a. at least one treatment surface (3)

    b. a control device, which is configured to regulate the treatment surface in a heating-up phase to a treatment temperature between 40° - 65°C by heating at least one heating element according to predetermined treatment parameters of a treatment program and to maintain said treatment temperature for a treatment duration between 1 and 12 seconds

    characterized in that
    at least two different treatment programs specifying different treatment parameters are stored on the control device, and wherein the device (1) has at least one interface (6) for a connection to a mobile device, and the device (1) is configured for a selection of one of the at least two treatment programs by said mobile device, so that the selected treatment program is executed after actuation of an operating element (5) which is present on the device (1) or the mobile device,
    wherein the device (1) is configured in such a way that the mobile device is excluded from changing the treatment parameters, which are specified by the treatment programs.

2. Device (1) according to one or more of the previous claims,
    characterized in that
    the treatment parameters defined by the treatment programs include the treatment temperature and the treatment duration, wherein preferably additionally a duration for the heating-up phase is defined as a treatment parameter and/or
    in between 2 and 10, preferably between 4 and 8 treatment programs are stored on the control device.

3. Device (1) according to one or more of the previous claims,
    characterized in that
    the device (1) exhibits only exactly one operating element for heating the treatment surface in accordance with the selected treatment program and a manual selection of a treatment program can be not made manually on the device (1) itself.

4. Device (1) according to one or more of the previous claims,
    characterized in that
    the device (1) is configured in such a way that, independently of an existing communication to a mobile device, a last selected treatment program is executed after an actuation.

5. Device (1) according to one or more of the previous claims,
    characterized in that
    the interface (6) and the control device are configured in such a way that a selection of one of the at least two treatment programs by means of a mobile device is only allowed if an authentication has been successful.

6. Device (1) according to one or more of the previous claims,
characterized in that
the treatment temperatures specified in the at least two treatment programs are between 40°C and 60°C, preferably between 45°C and 53°C, and particularly preferably between 47°C and 53°C.

7. Device (1) according to one or more of the previous claims,
characterized in that
in a first of the selectable treatment programs a treatment duration of 1 - 3 seconds is specified, while in a second of the selectable treatment programs a treatment duration between 3 - 12 seconds is specified and/or
in a first of the selectable treatment programs a treatment temperature between 48°C and 53°C is specified, while in a second of the selectable treatment programs a treatment temperature between 45°C and 48°C is specified.

8. Device (1) according to one or more of the previous claims,
characterized in that
the size of the treatment surface is less than 1 cm^2, preferably between 20 and 80 mm^2 and/or
the size of the treatment surface is between 1 cm^2 and 18 cm^2, preferably between 6 and 9 cm^2.

9. Device (1) according to one or more of the previous claims,
characterized in that
the device (1) comprises an energy storage device, preferably a battery, particularly preferably a lithium polymer and/or a metal hydride battery, and/or the battery is a solid state battery, preferably a lithium ceramic battery.

10. Device (1) according to one or more of the previous claims,
characterized in that
the interface (6) is additionally configured for a power supply by means of a mobile device and/or
the interface (6) is additionally configured for a data exchange with a mobile device.

11. Device (1) according to one or more of the previous claims
characterized in that
the device (1) comprises at least one first temperature sensor for measuring the temperature of the treatment surface and the control device sets the temperature of the treatment surface based on the measurement data of the temperature sensor,
and/or a hardware-implemented temperature monitor reversibly limits the maximum temperature of the treatment surface and a fuse switches off the device (1) in the event of a short circuit or uncontrolled continues heating.

12. Device (1) according to one or more of the previous claims,
characterized in that

the device (1) comprises a contact sensor which can determine whether or not the treatment surface is in contact with a skin.

13. Kit comprising

    a) a device (1) according to one or more of the previous claims, and

    b) a software for installation on a mobile device,

    wherein the software is configured to select one of at least two treatment programs via the interface (6) of the device.

14. System comprising

    a) a device (1) according to one or more of the previous claims, and

    b) a mobile device,

    wherein a software is installed on the mobile device, which is configured to select one of at least two treatment programs via the interface (6) of the device.