



Fri / Sat 13th/14th of September 2024

Thermography-controlled wIRA superficial hyperthermia
International User Meeting 2024

Place:

Radiologie München im Klinikum Schwabing
Kölner Platz 1, 80804 München

Scientific chairs:

Prof. Dr. med. Hendrik Wolff (DE), Dr. med. Markus Notter (CH)

FRIDAY, 13th of September 2024 – 14:00-19:00

1) Welcome and introduction H. Wolff H, S. Heckel-Reusser

2) Experiences and clinical studies of various indications

a) Studies including various indications (Chair: M. Notter)

Kong (London) ThermoRad – “Prospective study to assess the real-world implementation of ThermoRad using wIRA superficial hyperthermia in addition to standard of care (SOC) palliative Radiotherapy (RT) in patients with inoperable or incurable cancers” (*funded and IRB-approved*)
Discussion: Participation of other centers

b) Breast Cancer (Chair: H. Wolff, M. Notter)

Thomsen, Lüchtenborg (Freiburg): HISTOTHERM - Tissue- and blood-based marker profiles for treatment response to combination treatment of surface hyperthermia and hypofractionated radiotherapy for locally recurrent breast carcinoma (*running*).
Kong (London) ThermoRad-BC – Randomized phase 2 study of systemic treatment versus the addition of thermoRad (superficial hyperthermia by wIRA) with palliative radiotherapy plus systemic treatment in patients with local recurrent Breast Cancers (*in discussion*)
Notter (Bern) Feasibility of a randomized trial on post-operative re-irradiation after mastectomy following BCT
All participants Further prepared user statements on clinical experiences / Discussion

Coffee break

c) Squamous and basal cell skin carcinoma (Chair: S. Brodmann)

Arnold (Luzern) SAHARA – randomized phase II trial standard of 12 x 4 Gy vs. 6 x 5 Gy + HT (*funded and registered*)
Brunner (Graz) Possible study protocols for non-MM skin cancer (comparison of standard protocol versus standard protocol + wIRA hyperthermia)
All participants Further prepared user statements on clinical experiences / Discussion

d) Angiosarcoma - primary and radiation-associated (Chair: H. Crezee)

Medenwald (Magdeburg) Suggestion for a prospective multicenter study on preirradiated recurrent head and neck angiosarcoma using wIRA-HT and hypofractionated re-RT
All participants Prospective study on radiation-associated angiosarcoma of the breast
Further prepared user statements on clinical experiences / Discussion

e) Malignant Melanoma (Chair: W. Arnold)

All participants Possible study protocols for MM – maybe in cooperation with Australian radiotherapy departments
Further prepared user statements on clinical experiences / Discussion

3) Patient recruitment (Chair: H. Wolff)

NN	Incidence of indications to be treated with combined superficial HT/RT - what is known and unknown
All participants	Short statements followed by discussion about <ul style="list-style-type: none">- number of patients and referring colleagues/institutions (including experiences from SwissHyperthermiaNetwork)- communication to referrers, tumor boards- presentation in congresses and CME events- communication to patient support groups- general PR- homepages and social media
Heckel-Reusser	Current promotion activities by heckel / Hydrosun and scientific hyperthermia societies: What can be extended and approved

4) Announcement of coming meetings and events

• 28th Annual SASRO Meeting 2024	19./21.09.2024
• 54. HYPERTHERMIE-ARBEITSTREFFEN DES ATZELSBERGER KREISES	26./27.09.2024
• ÖGRO 2024	18./19.10.2024
• 36th Annual Meeting European Society for Hyperthermic Oncology (ESHO)	06./18.11.2024
• ESTRO 2025	02./06.05.2025
• 31. Kongress der Deutschen Gesellschaft für Radioonkologie (DEGRO)	19./21.06.2025
• International Congress on Hyperthermic Oncology (ICHO), Seoul/Korea	10./13.09.2025

20:00 Dinner (invited by heckel)

SATURDAY, 14th of September 2024 (09:00 – 14:00)

5) Practical challenges using TWH (Chair: S. Brodmann)

Schmuck, Wolff (München)	Handling of radiator positioning for large-sized lesions on heterogenous body contours
Notter (Bern)	How to handle hotspots in the malignant target area
Thomsen (Freiburg)	Heating of ulcerations
Hajjar (heckel, Esslingen)	Procedure of IR camera calibration

6) Technical improvements of hydrosun®TWH1500 (Chair: S. Heckel-Reusser)

Wehrle (Hydrosun, Müllheim)	Suggestions from former user surveils
All participants	Further suggestions

7) Quality assurance and training of TWH (Chair: A. Thomsen)

Luechtenborg (Freiburg)	Thermometry of thermographic skin temperature
Thomsen (Freiburg)	Invasive temperature measurements in healthy volunteers (technique and preliminary results)
Crezee (Amsterdam)	Invasive intra-tumoral temperature measurements (technique and preliminary results)
Vaupel, Thomsen (Freiburg)	Invasive and non-invasive measurement of oxygenation
Notter, Thomsen, Heckel-R.	Standardization and certification of TWH training

Coffee break with snacks

8) Reimbursement in Germany and Austria [GERMAN LANGUAGE] (Chair: S. Heckel-R.)

Schweizer Anwender	Regelung der Kostenerstattung in der Schweiz (Vorbild für DE und AT?)
Österreichische Anwender	Kostenerstattung in Österreich (gegenwärtiger Stand und Pläne)
Heckel-Reusser, NN	Kostenerstattung der Oberflächenhyperthermie im stationären, teilstationären und ambulanten Setting
Thomsen (Freiburg)	Gescheiterte Versuche der Uniklinik Freiburg 2018-2019
Abdel-Rahman (München)	Geschichte und gegenwärtige Aktivitäten der IAH (Interdisziplinäre Arbeitsgruppe Hyperthermie der DKG)
Alle deutschen Anwender	Diskussion und Festlegung einer konkreten Strategie für eine Kostenerstattung der ambulanten Anwendung

Registration

Please write an email to info@heckel-medizintechnik.de –
until 30. August 2024 (earlier registration would be helpful)

Address

München Klinik Schwabing, Kölner Platz 1, 80804 München

Public transport

U-Bahn: Linien U2, U3, U8 Haltestelle "Scheidplatz"; Linie U3, Haltestelle "Bonner Platz"

Bus: Nr. 140, 141, 142, 144 Haltestelle "Scheidplatz"; Nr. 140, 141 Haltestelle "Kölner Platz"

Tram: Nr. 12 und 28, Haltestelle "Scheidplatz"

Recommended hotel

Hotel Flemings Schwabing - <https://www.flemings-hotels.com/hotel-muenchen-schwabing>

within walking distance (10 – 15 minutes)

Any other hotel in Schwabing is also appropriate.