

THE ALGOS STUDY

OSTEOPATHIC SUPPORTIVE CARE IN ALGOLOGICAL COURSE OF PATIENTS AFTER BREAST CANCER

Loïc Treffel PhD.DO., Anaïs Roux DO., Amandine Chaput, Alice Bachet, Marjorie Guilhem, Eva Elis, Nathalie Caunes-Hilary MD, Marie Bourguin MD



Background

- 61214 new cases of breast cancer in 2023 in France
- Breast cancer affects 1 in 8 womens in france (1)
- 29.8% of cancer survivors will live with persistant post mastectomy pain (2)
- overall incidence Chronic post-surgical pain, 30 % of wich 10% severe pain (3)

Methods

Implementation pragmatic RCT study: Osteopathic treatment + Qutenza patch vs Qutenza patch
 location: IUCT oncopole toulouse
 ID-RCB : 2022-A01349-34

table 1. General characteristics of the sample

Patient ID code	Randomisation	Age (year)	Height (cm)	Weight (kg)	DN4 score	Stage/grade	Chemoth.	Radioth.	Hormonoth.	Nb of patch Q
13130	G2 CO	58	163	119	9/10	3	Yes	Yes	No	5
24301	G2 CO	41	160	53	3/10	2	Yes	Yes	No	3
33106	G2 TR	53	162	80	6/10	3	Yes	Yes	No	4
48906	G2 CO	64	163	62	5/10	3	Yes	Yes	No	8
53108	G2 TR	46	165	53	7/10	2	No	Yes	In progress	0
71107	G2 CO	60	154	59	6/10	2	Yes	Yes	Yes	4
85516	G2 TR	57	178	67	4/10	2	No	No	In progress	6
93117	G2 TR	49	167	53	5/10	2	Yes	Yes	Yes	1
61108	G1 TR	61	166	59	5/10	X	Yes	Yes	In progress	0

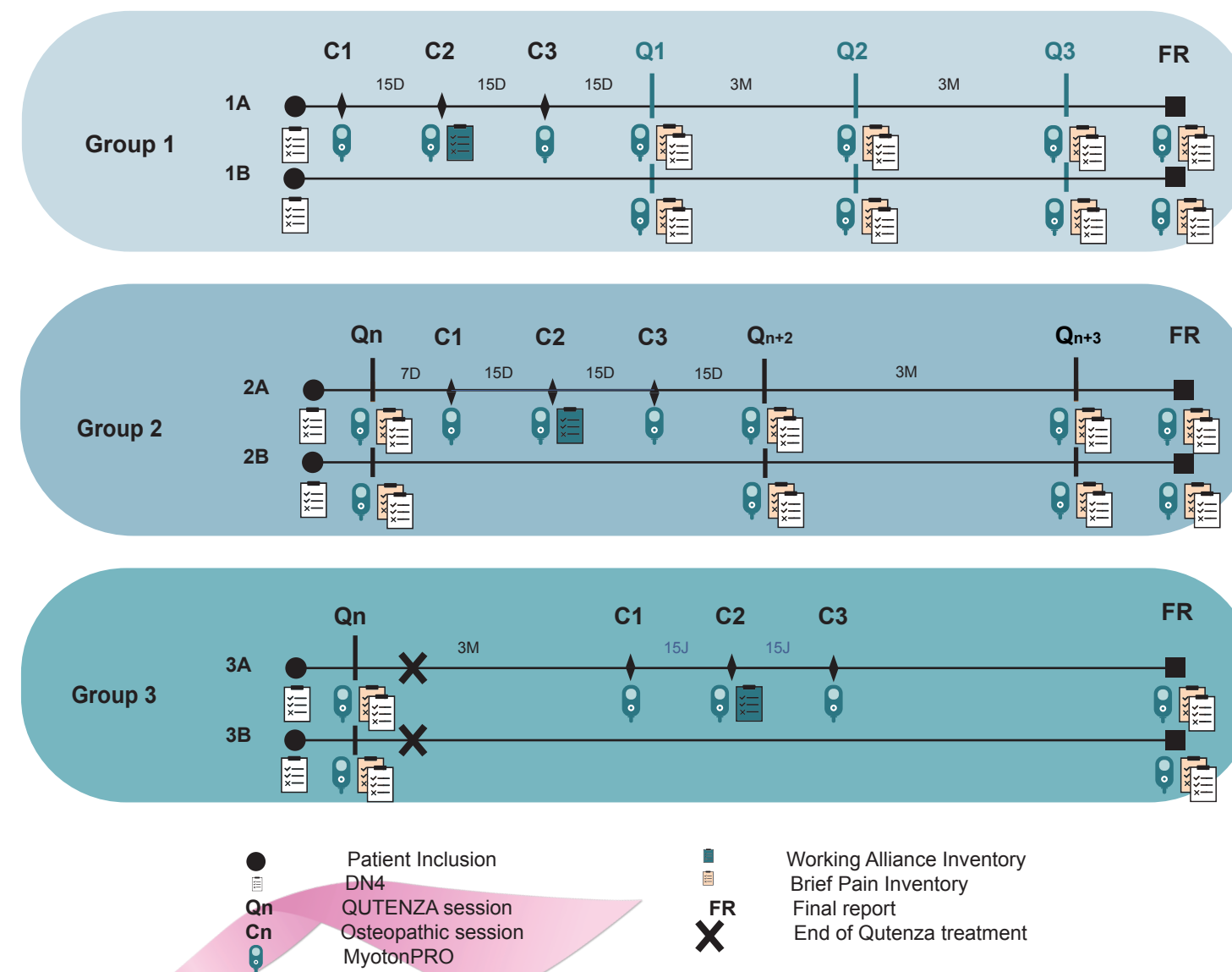
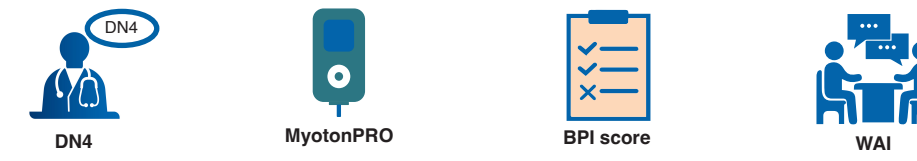


Fig. 1 Design of study: randomized control pragmatic trial. Osteopathy as complementary treatment to Qutenza Patch application

Assessment of neuropathic pain, quality of life, Scar tissue properties and therapeutic alliance



Preliminary results

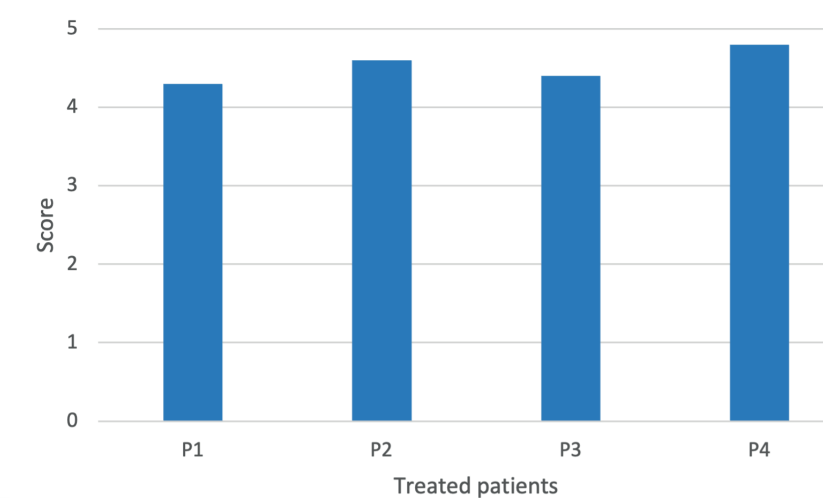


Fig. 2 Work Alliance Inventory Score. N = 4

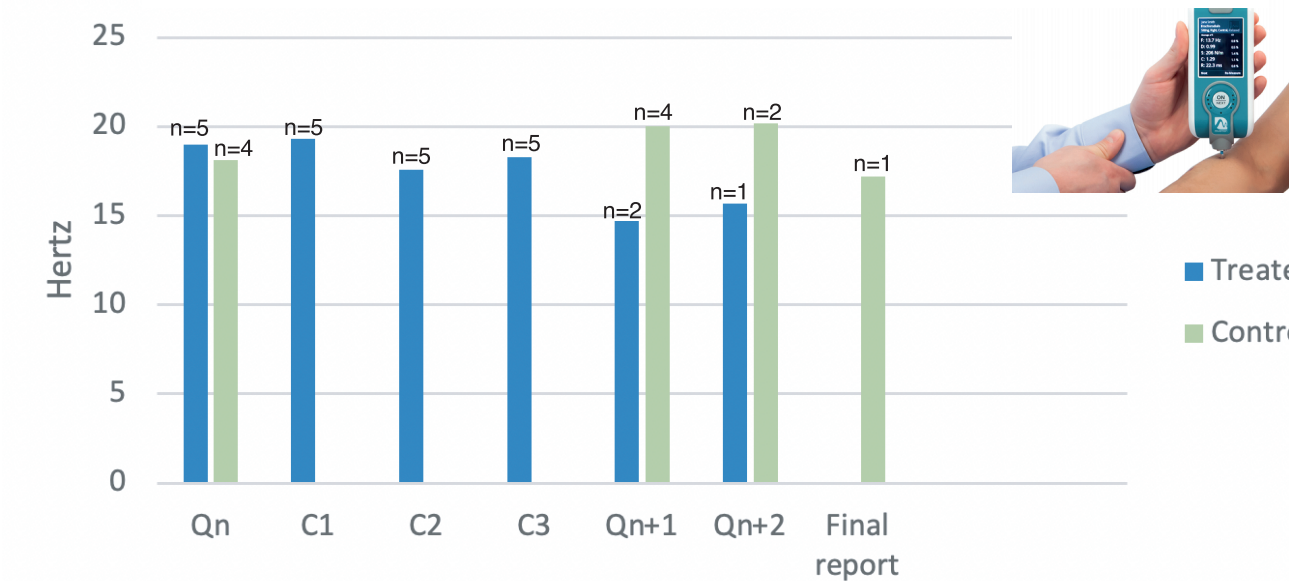


Fig. 3 Myofascial tissue oscillation frequency changes. N = 9

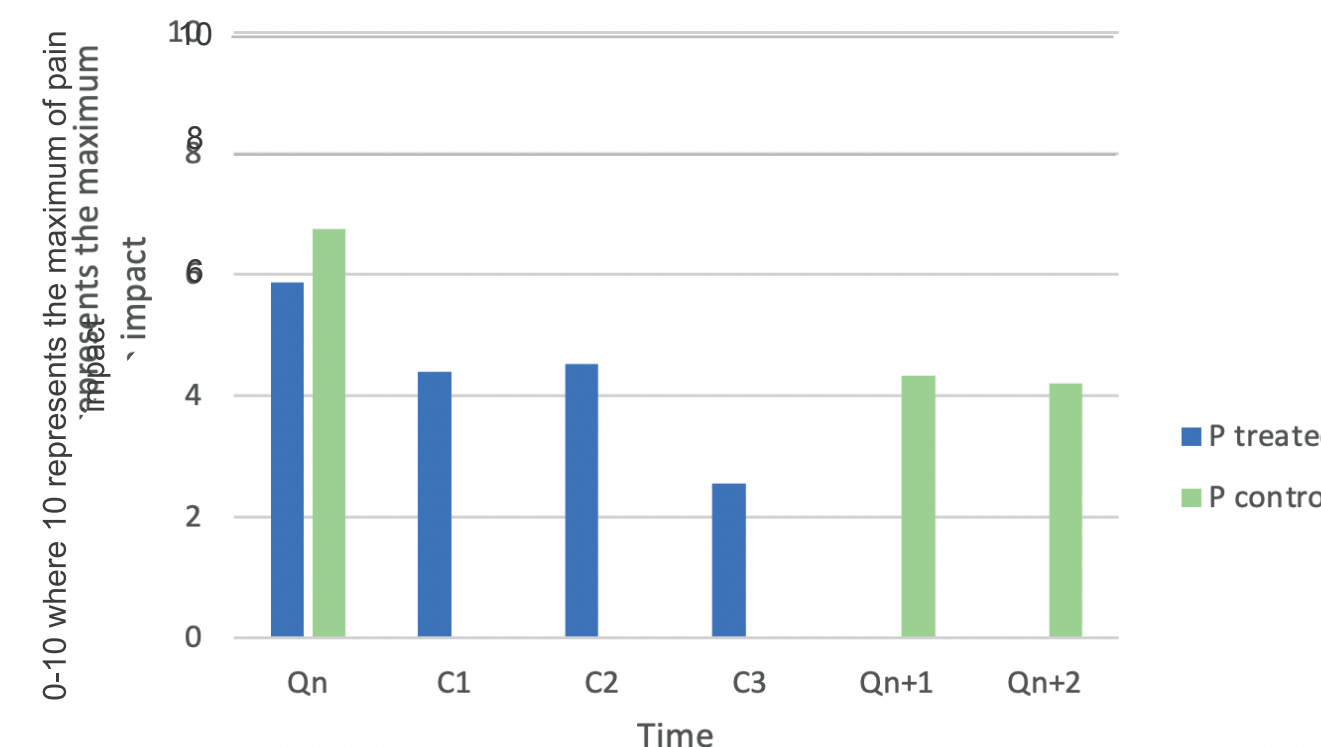


Fig. 4 Brief Pain Inventory Score Average. N = 9

AIMS

Evaluation of the impact of complementary osteopathic treatment in the algo logical course post Brest cancer

Discussion

- Encouraging results on quality of skin, quality of life and therapeutic alliance
- Difficulties to recruit
- Osteopathy as relevant supportive care in cancer
- Significance of therapeutic alliance for increase clinical result (1)
- Preliminary feedback suggested a longer follow-up in osteopathy
- The WHO 2023 report suggests increasing research into complementary and integrative medicine (2)
- Extending research performing osteopathy as supportive care to manage others symptoms (3,4)

References

- (1) Shaw R, Abbey H, Casals-Gutiérrez S, Maretic S. Int J Osteopath Med. 1 déc 2022;46:36-44.
- (2) Schoen-Angerer T von, Manchanda RK, Lloyd I, Wardle J, Szöke J, Benevides I, et al. BMJ Glob Health. 1 déc 2023;8(12):e013150.
- (3) Lagrange A, Decoux D, Briot N, Hennequin A, Coudert B, Desmoulin I, et al. Eur J Obstet Gynecol Reprod Biol. oct 2019;241:49-55.
- (4) J1. Fortin J, Beaupré A, Louis LAT, Roy CA, Bourque M, Cappeliez S, et al. Breast Cancer Management. 20 avr 2022;11.

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