

The Efficacy of the BedJet Climate System® for Peri-Menopausal Night Sweat and Hot Flash Symptoms and Corresponding Impact on Sleep

Jordan Stern MD, BlueSleep®, New York, NY USA (jstern@BlueSleep.com); Stephanie Zhu (Columbia University), New York, NY USA; Iman Iriyah Blow (Columbia University), New York, NY USA; Darlyne Johnson MD, South Shore Women's Health, Boston, MA USA (DrDollj@gmail.com)



INTRODUCTION

- "This study valuaced the effectiveness of the Bedlet System as a non-hormonal and wasy-to-use treatment in a population of menopuscula and peri-menopuscula women experiencing hat flashes and/or night sweats and sleep disturbance. Effectiveness was measured using validated sleep, menopuscul symptom, and quality of life questionnaires.

OBJECTIVES

- Evaluate the clinical efficacy of the BedJet Climate System in improving daytime functioning for menopausal and peri-

STUDY POPULATION

- IRB approval was obtained for the study.

MATERIALS & METHODS



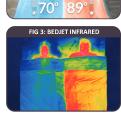


FIG 4: BEDJET UNIT



- · Cooling, heating, and climate comfort system for beds.
- · Silky quiet operation, low power consumption
- any type of mattress.
- Paired with special bed sheet accessory for improved air distribution.

TABLE 1: FOSQ QUESTIONNAIRE

- Do you have difficulty concentrating on the things you do because you are sleepy or tired?
- Do you generally have difficulty remembering things because you are sleepy or tired?

- Has your relationship with family friends or colleagues been affected because you are sleepy?

TABLE 2: PSQI QUESTIONNAIRE

- How much of a problem has it been for you to keep up enthusiasm to get things done?
 How would you rate your sleep quality overall?

TABLE 3: INSOMNIA SCALE (7Qs)

Rate the questions/statements below using the following scale: 0 = none; 1 = mild; 2 = moderate; 3 = severe; 4 = very severe

RESULTS

Percent a	subjects re	porting improv	ement:
			ale85%

Test	Initial Score (PRE)	Final Score (POST)	Effect Size	Notes
Greene	25.22	16.35	r = .670	score increases with symptoms
ISI	15.19	8.01	r = .597	>15 = significant clinical insomnia
FOSQ	27.78	35.67	r = .535	higher score = better function
aco:	44.00	F 00	. 400	>5 = indicator of

reen Scale significantly improved symptoms: Hot flashes, night sweats, anxiety/panic, lack of energy, irritability, muscle and joint pain

mptoms that did not change significantly: Sexual interest, feelings of unhappiness or depression

DISCUSSION

CONCLUSIONS

REFERENCES & ACKNOWLEDGMENTS

ASSAUGHNEE

TOURNEE THE SECRET HERE STUDY AND STUDY AND ASSAURT, BOTH HOUSE, BAYOUTTER