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A psychosocial evaluation of the impact of the Tenovus Cancer Care “ManVan for Wales”

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The ManVan Project

- The Tenovus ManVan was launched in March 2014 in partnership with the Movember Foundation and Prostate Cancer UK
- The UK's first dedicated mobile support service for men affected by prostate, testicular and penile cancer.
- Provides nursing advice, counselling for individuals and couples, group support and welfare rights advice directly to men in their communities across Wales.
- Travelled to more than 100 different locations across all seven Welsh Local Health Board areas.





The ManVan Journey

- More than 6,200 visitors on board. 88% of visitors have been male with 19% of visitors between 45 and 54.
- ManVan services have been delivered to 645 clients who have been offered a total of 3390 appointments, an average of just over 5 appointments per person.
- Majority of clients (78%) have prostate cancer.
- Most clients are over the age of 55 years (89%), and are married or living with a partner (73%).
- The annualised value of the benefits obtained for ManVan clients has totalled more than £800,000.

Psychosocial Evaluation

Aim:

- To explore the impact of the services provided by the ManVan on short and longer-term mood, psychological functioning and quality of life
- Data captured between April 2014 and February 2017
- Also supported by individual case studies and qualitative evaluation

Service	Form	Total per client	Frequency
All services	Session Evaluation Questionnaire (Stiles, Gordon, & Lani, 2002) Mood/Emotion Subscales	Two per visit	Baseline and immediately after receiving service
All services	Session Evaluation Scale: Session Impact Subscale	One per visit	Immediately after receiving service
Counselling only	CORE-10	Up to four	Baseline and at first, middle and end session
Nurse appointment only	EPIC-26 - prostate cancer patients	Up to three	Baseline and at 4-6 weeks
Nurse appointment only	EORTC	Only 8 clients completing at Time 1; data not reported due to small numbers	
Nurse appointment only	TC-26	Only two clients completing at Time 1; data not reported here due to small numbers	

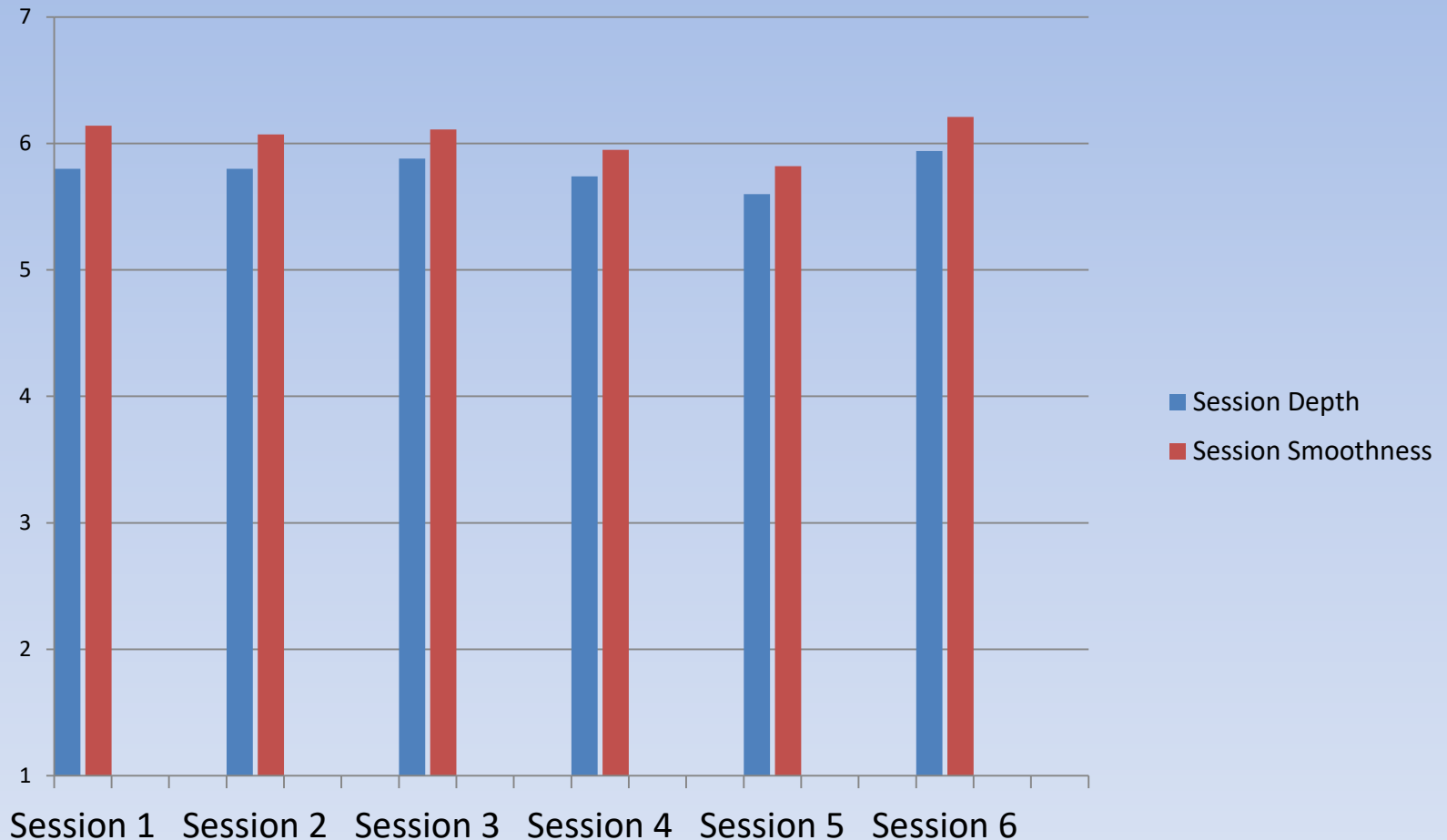
(scale range 1-7; higher scores = more positivity/arousal)

	Positivity before Session Mean (SD)	Positivity after Session Mean (SD)	Arousal before Session Mean (SD)	Arousal after Session Mean (SD)
Session 1	4.44 (1.25) N= 422	5.52 (.87)** N=393	3.89 (.83) N=431	4.44 (.68)** N=382
Session 2	4.52 (1.40) N=140	5.60 (.82)** N=127	3.76 (.91) N=139	4.30 (.57)** N = 119
Session 3	4.79 (1.20) N=83	5.74 (.80)** N=75	3.60 (.86) N=80	4.42 (.74)** N = 73)
Session 4	4.35 (1.20) N=47	5.46 (.84)** N=37	3.56 (.78) N=47	4.27 (.68)* N = 38
Session 5	4.66 (1.11) N=26	5.63 (.92)* N=23	3.69 (.75) N=24	4.03 (.65)* N = 22
Session 6	4.64 (1.21) N=17	5.59 (.70) N = 14	4.04 (.66) N=16	4.55 (.80) N = 15

* Significant increase in reported scores pre to post session ($p<0.01$)

** Significant increase in reported scores pre to post session ($p<0.05$)

Evaluation of smoothness and depth of sessions received on board the ManVan (scale range 1-7)



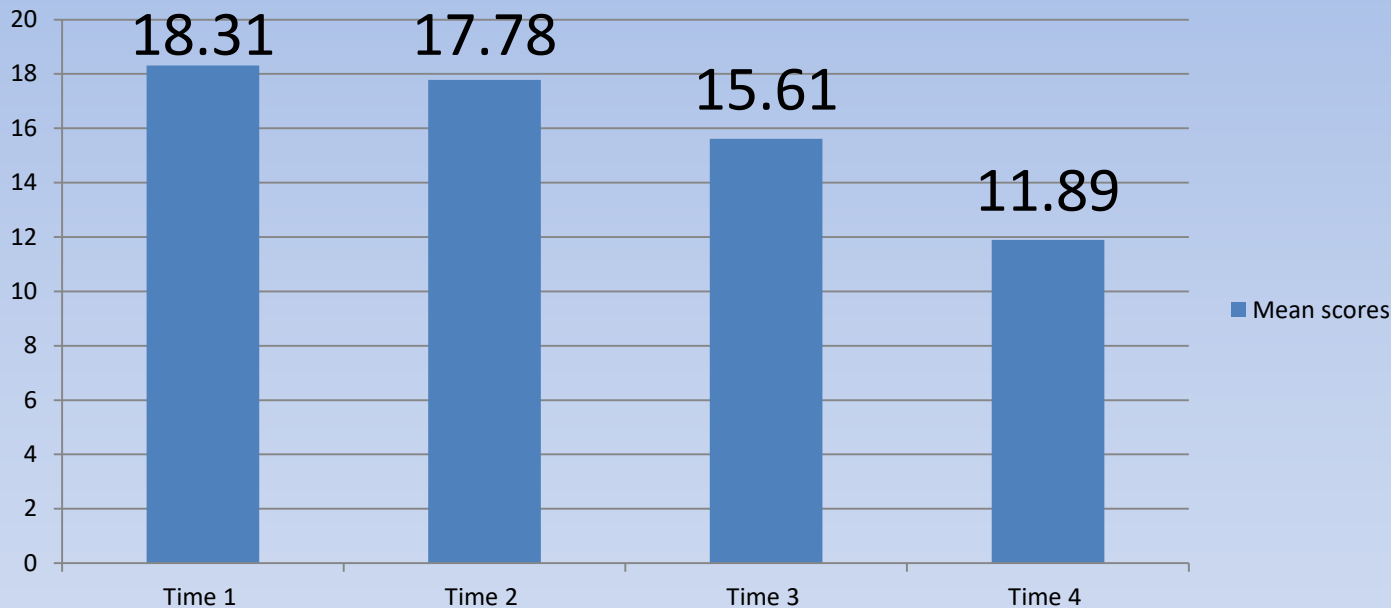
Impact of counselling received on board the ManVan (scale range 1-7)

		Time 1 CORE	Time 2 CORE	Time 3 CORE	Time 4 CORE
N		53	42	28	18
Mean		18.85	18.05	16.39	11.89
Std. Deviation		7.87	7.26	8.20	6.43
Minimum		4	5	3	2
Maximum		37	34	30	23

Standardised categories for CORE-10 scores

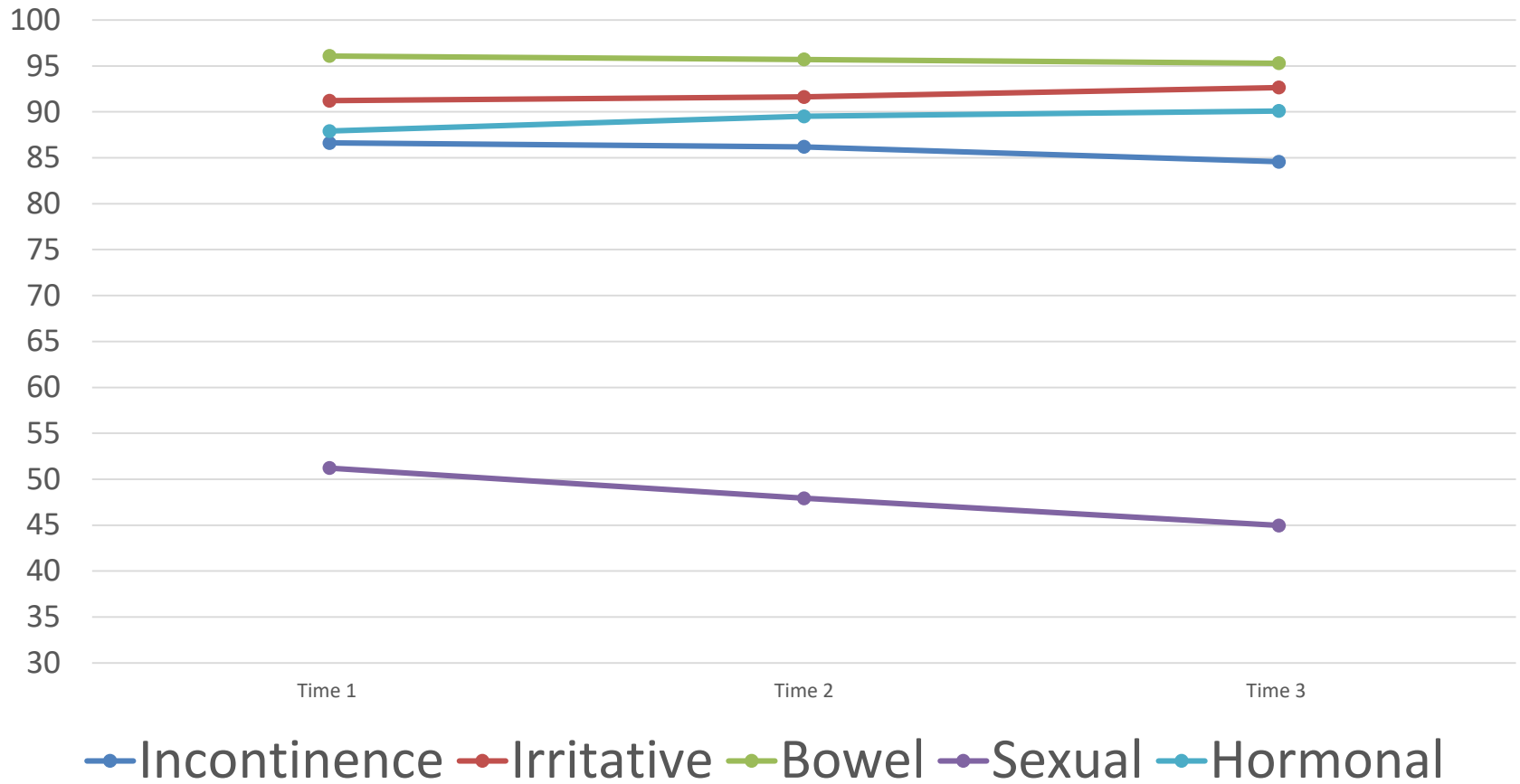
	Category	Score
1	Healthy	0-10
2	Moderate	11-20
3	Moderate severe	21-25
4	Severe	26-40

Mean CORE scores over time for those receiving all three sessions (n=18)



(Wilks' Lambda = .45, $F(3, 13)$, $p = .01$),

Prostate-related QoL



Conclusions 1

- Receiving services upon the ManVan increased perceptions of positivity and energy
 - Appeared to be the case for clients at all stages of the cancer journey.
- The psychological benefit and perceived value continues over multiple visits
- The provision of counselling significantly reduces distress across multiple sessions
 - but low take-up/completion rate
- The receipt of a prostate cancer-related nurse appointment on board the ManVan does not have a significant impact on clients' self-reported quality of life.
 - May reflect the relatively short timescales for the capture of the follow-up QoL data

Research reflections... a moveable (literally) feast....

- Evaluation of a completely unique “intervention”
 - Pragmatic, avoid burden
- Complex, difficult to control
 - Multiple services received
- Awareness-raising V engagement with services
- Buy-in from the ManVan team crucial

Conclusions II

- Clear potential value of the provision of mobile cancer service delivery in the provision of psychosocial support and care to men at different stages of their cancer journey and with different demographic, psychological and clinical profiles.
- Men still reluctant to engage with counselling services (V “tea and a chat”)
- Potentially important role in awareness-raising
 - E.g. Bridgend Ford Occupational Health day

Acknowledgements

