MACMILLAN CANCER SUPPORT





TSDFT Prehab for Cancer Pilot outcomes

1st March - 1st November 2023



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TSDFT Prehab for Cancer Pilot Torbay and South Devon



Macmillan Funding for 2 x Band 6's (0.8 WTE, 12 month fixed term)

Registered Nurse

0.8 WTE 15th November 2022 - 21st June 2023

5th June 2023 - 10th November 2023 1 WTE

Occupational Therapist

- 0.8 WTE September 2022 - 21st June 2023
- 11th May 2023 10th November 2023 0.4 WTE

31st January 2023: Pilot launch presentation

1st March 2023: Pilot live for referrals

7th June 2023: David Jenkins Exercise Instructor sessions start (1 hour a week)

Gill Lambert (RN) & Rachel Marr (OT)

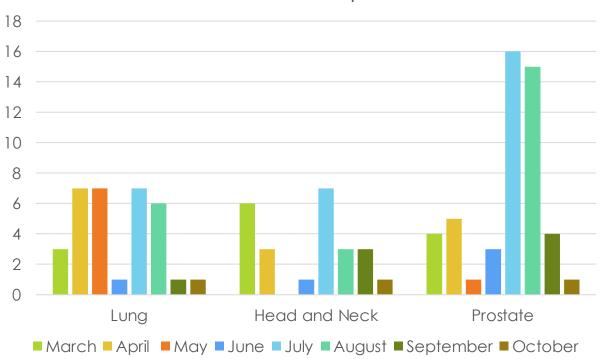


Prehab Referrals Data

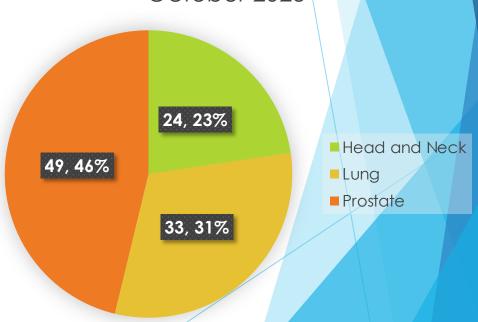


106 referrals received

Referrals received per month







Gill Lambert (RN) & Rachel Marr (OT)



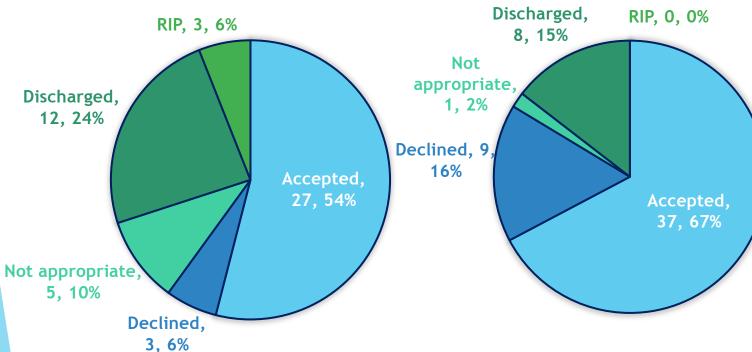
Prehab Patients

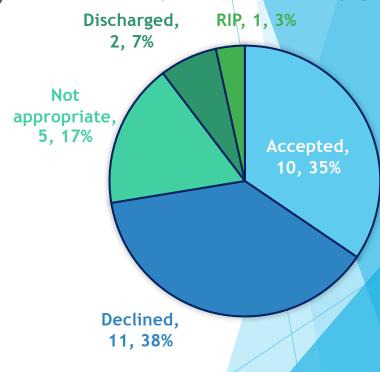






H&N PREHAB PATIENTS









You are invited to take part in th (TSDFT) **Prehabilitation** for Ca designed to help you prepare fo a small number of changes now which you respond and recover

What is Prehabilitation?

Prehabilitation is a positive step treatment by promoting healthy support and advice. It can help

- Moving more and being a
- Looking after your diet by
- Keeping hydrated by drin
- Your emotional wellbeing

We can also support you to stor consumption as this will also he your recovery, as well as improv

Benefits of Prehabilitation

Benefits may include:

- Reduced treatment side (
- Improvements in your mo
- Better energy levels
- Enhancing your quality of

Some people report improveme

Torbay and South Devon Pref

TSDFT Prehabilitation for Canc personalised exercise advice, r well-being interventions provide exercise specialists trained to w Contact details

Personalised Cancer Care Team

Richard Dimbleby Education Room, Level 6

Torbay and South Devon NHS Foundation Trust

Newton Road

TQ2 7AA

09:00 - 16:00

Mondays to Fridays (except bank holidays)

3 01803 656693 Answerphone available

<u>Isdft.cancerprehabilitationreferral@nhs.net</u>

@Torbaypersonal1

www.torbayandsouthdevon.nhs.uk/services/cancer-support-services/prehabilitation-for-cancer/

www.torbayandsouthdevon.nhs.uk/

Useful resources:

Macmillan leaflets available online or please ask for copy

- * Coping with fatigue (tiredness)
- Healthy eating and cancer
- * Physical activity and cancer

25775 V1/Cancer Services/TSDFT/03.23/Review Date 03.25

ence to treatment by reducing and improving your long-term are Occupational Therapist and lered to a small group of patients or head and neck cancer.

with health care professionals and portant to you, promoting ing. There are opportunities for r online and planned group work to encourage you to bring a friend or

ctive as possible as this keeps ill help your body cope better with ny activity that makes you feel If you are already active, continue a little more. If you are not currently ore, this is the perfect time to start. ects muscle tone which can affect on of strength and cardiovascular qer, fitter and more confident.

no right or wrong way to feel when different feelings can show up What is perhaps most important is ng and do the best you can to be If. Each person is different, so it is you best with whatever particular ong the way.

ety of foods from all food groups is Ilbeing. This may help you to cope s of cancer and cancer treatments. be advised on ways in which to

Gill Lambert (RN) & Rachel Ma







Gill Lambert (RN) & Rachel Marr (OT)





Psychological support



- Offering space and time to openly discuss their personal concerns. By using the HNA this helps open some of these conversations up when people don't want or know what they want to talk about.
- Training
 - Motivational Interviewing
 - Health Coaching
 - ► Level 2 psychological skills
 - ► <u>Cross Sectional Formulation Hot cross bun template</u>
- Signposting to the Lodge (Cancer Support Centre) if ongoing psychological support needed
- Mindfulness
- Dropping Anchor technique



Physical support

- Torbay and South Devon

 NHS Foundation Trust
- NHS Foundation

- Support and encourage patients to build exercise into their daily activities. Supporting them to start, increasing what they do already, helping them understand that the benefits of this can help to reduce fatigue and support their mental well being throughout treatment.
- Refer to David (CanRehab Physical Activity Specialist) for group or 1:1 sessions for up 8 free sessions.
- Group or 1:1 exercise is not for everyone. So we can provide an NHS leaflet with some suggested exercises they can try at home. Or our website holds a wealth of information...

NHS choices

Exercises for older people



Sitting

Getting started

If you've not done much physical activity for a while, you may want to get the all-clear from a GP before starting.

For the exercises that require a chair, chose one that is stable, solid and without wheels. You should be able to sit with feet flat on the floor and knees bent at right angles. Avoid chairs with arms as this will restrict your movement.

Wear loose, comfortable clothing and keep some water handy.

Try to attempt these exercises at least twice a week, this will help to improve muscle strength, balance and co-ordination.

Build up slowly and aim to increase the repetitions of each exercise

As your fitness improves, why not look for a group session near you?

Age UK have lots of ideas. www.ageuk.org.uk

There are three other sets of exercises in this series: Flexibility, Strength and Balance.

Go to www.nhs.uk/exercises-for-older-people to download.

www.nhs.uk

ETCH









This stretch is good for posture

B. Gently push your chest forwards and up until you feel a stretch across your chest.

Hold for five to 10 seconds and repeat five times.

UPPER BODY TWIST





This will develop and maintain flexibility in the upper back.

 A. Sit upright with feet flat on the floor, cross your arms and reach for your shoulders.

B. Without moving your hips, turn your upper body to the left as far as is comfortable.

Hold for five seconds. Repeat going right. Do five

HIP MARCHING





This will strengthen hips and thighs and improve flexibility.

A. Sit upright and away from the back of the chair. Hold on to the sides of the chair.

B. Lift your left leg, with your knee bent, as far as is comfortable. Place foot down with control.

Repeat with the opposite leg. Do five lifts with each leg.



Prehab website



https://www.torbayandsouthdevon.nhs.uk/services/cancer-support-services/prehabilitation-for-cancer/

Exercise videos

This programme from Macmillan Cancer Support features a series exercises for warming up your muscles, working your heart and lungs, and to improve the strength and tone of your muscles.



Move more – 01 – Warm Up



Move more - 03 - Strength and endurance



Move more – 02 – Cardio



Move more- 04 - Cool Down

Macmillan leaflets

Macmillan leaflets are available, please ask for copy or view online:

- · Physical activity and cancer
- · Healthy eating and cancer
- Coping with fatigue (tiredness)
- How are you feeling?

Charity support

- Prostate: Torbay Prostate Support Association
- Head and Neck: The Swallows Torbay Meeting
- Lung: Roy Castle Lung Cancer Foundation



EORTC QLQ - C30 Score

- Scored 0 100
- A higher score represents a high health related Quality of Life for cancer patients
- ▶ The QLQ-C30 incorporates
 - functional scales (physical, role, cognitive, emotional, and social),
 - symptom scales (fatigue, pain, and nausea and vomiting)
 - a global health status / QoL scale,
 - additional symptoms commonly reported by cancer patients (loss of appetite, insomnia, constipation and diarrhoea) and perceived financial impact of the disease.

During the past week:	Not at All	A Little	Quite a Bit	Very Much	Torbay and South Devon
17. Have you had diarrhea?	1	2	3	4	NHS Foundation Trust
18. Were you tired?	1	2	3	4	

D	uring the past week.	All	Little	a Bit	Much	
17	. Have you had diarrhea?	1	2	3	4	
18	. Were you tired?	1	2	3	4	
19	. Did pain interfere with your daily activities?	1	2	3	4	
20	Have you had difficulty in concentrating on things, like reading a newspaper or watching television?	1	2	3	4	
21	. Did you feel tense?	1	2	3	4	
22	. Did you worry?	1	2	3	4	
23	. Did you feel irritable?	1	2	3	4	
24	Did you feel depressed?	1	2	3	4	
25	. Have you had difficulty remembering things?	1	2	3	4	
26	. Has your physical condition or medical treatment interfered with your <u>family</u> life?	1	2	3	4	
27	. Has your physical condition or medical treatment interfered with your <u>social</u> activities?	1	2	3	4	
28	Has your physical condition or medical treatment caused you financial difficulties?	1	2	3	4	

For the following questions please circle the number between ${\bf 1}$ and ${\bf 7}$ that best applies to you

29. How would you rate your overall health during the past week?

1 2 3 4 5 6 7

Very poor Excellent

30. How would you rate your overall quality of life during the past week?

1 2 3 4 5 6

Very poor Excel



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FACIT Fatigue Scale (Version 4)

Below is a list of statements that other people with your illness have said are important. Please circle or mark one number per line to indicate your response as it applies to the <u>past 7 days</u>.

		Not at all	A little bit	Some - what	Quite a bit	Very much	
667	I feel fatigued	0	1	2	3	4	
HI12	I feel weak all over	0	1	2	3	4	
An1	I feel listless ("washed out")	0	1	2	3	4	
An2	I feel tired	0	1	2	3	4	
AnS	I have trouble starting things because I am tired	0	1	2	3	4	
An4	I have trouble finishing things because I am tired	0	1	2	3	4	
AnS	I have energy	0	1	2	3	4	
An7	I am able to do my usual activities	0	1	2	3	4	
Anti	I need to sleep during the day	0	1	2	3	4	
An12	I am too tired to eat	0	1	2	3	4	
An14	I need help doing my usual activities	0	1	2	3	4	
An15	I am frustrated by being too tired to do the things I want to do	0	1	2	3	4	
Anto	I have to limit my social activity because I am tired	0	1	2	3	4	

- FACIT Score
- Scored 0 52
- The higher the score, the better the Quality of Life
- assesses self-reported fatigue and its impact upon daily activities and function

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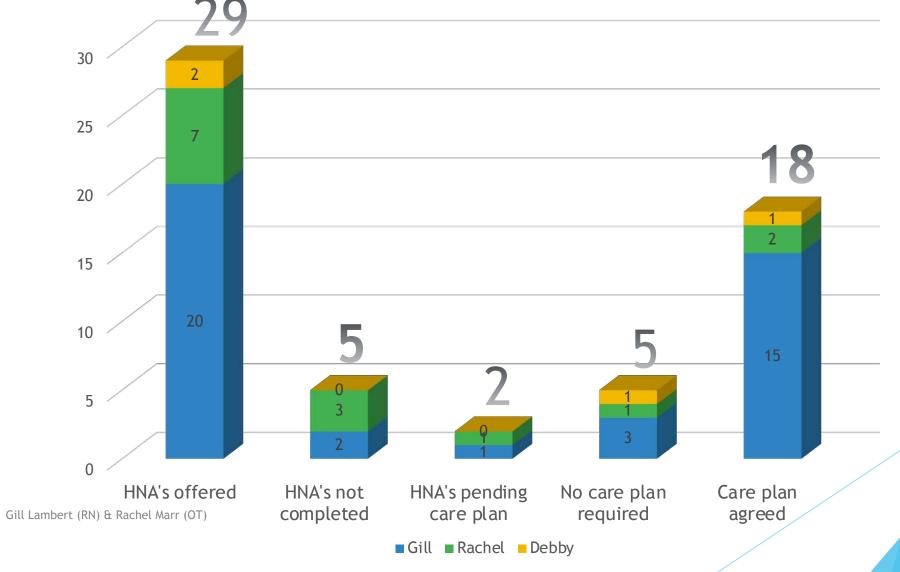


Health Needs Assessments

Data to 01/03/2023 - 23/10/2023



NHS Foundation Trust





Prehab care plan



NHS Foundation Trust

My Prehabilitation Care Plan



Prehab care plans

	Height: Weight: BMI = MUST= Hydration/Caffeine: Alcohol: Units drunk weekly = Audit C = 6	
Other	Smoking Cessation:	Prehab care plan emailed given to patient.
comments	FACIT fatigue score =	
	Quality Of Life score =	Prehab website: Prehabilitation for Cancer - Torbay and South Devon NHS Foundation Trust

Personalised Cancer Care Team - Prehabilitation Project Monday - Friday 08.30 until 16.30

01803 656693 Answerphone available

tsdft.personalisedcancercareteam@nhs.net

Leaflets given to patient ☐ The Lodge ☐ TSDFT: Prehab leaflet ☐ Prehab Sleep tips ☐ TSDFT: Calorie Boosters and Meal Plan Suggestions ☐ Macmillan: Health Needs Assessment ☐ TSDFT: Making the most of your food ☐ Macmillan: How are you feeling? ☐ TSDFT: Homemade Fortified Drinks and Desserts ☐ Macmillan: Physical Activity and Cancer □ TSDFT: Constipation ☐ Macmillan: Healthy Eating and Cancer ☐ TSDFT: Diarrhoea ☐ Macmillan: Coping with fatigue (tiredness) ☐ TSDFT: Dry Mouth ☐ TSDFT: Taste changes □ Sleepio app ☐ TPSA ☐ Swallows ☐ Roy Castle Lung Foundation Date of next appointment/review: Click or tap to enter a date.

Personalised Cancer Care Team - Prehabilitation Project Monday - Friday 08.30 until 16.30

01803 656693 Answerphone available

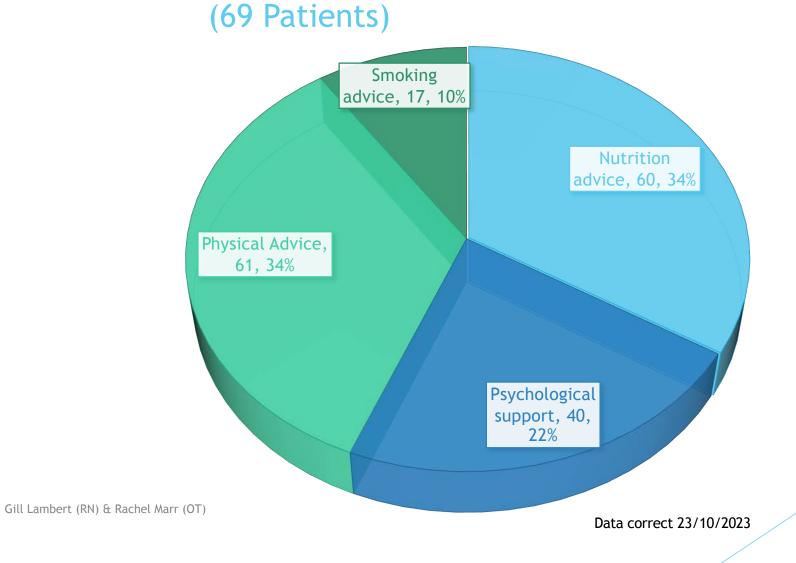


tsdft.personalisedcancercareteam@nhs.net



Prehab support given at 1st appointment







Case Study 1: 78 year old Male



<u>Diagnosis:</u> Prostate Cancer Gleason 3+4 = 7

<u>Treatment:</u> Bicalutamide, TURP, Radiotherapy

<u>Prior to treatment:</u> Active rambler (7 miles over Dartmoor)

Impact of treatment: Fatigued "Hit me like a ton of bricks", found he needed to go back to bed every morning.

Impact of prehab: Able to walk 25 mins a day (one mile) and did not feel fatigued. Can walk up to 3 miles. Feels competent to go and walk 4 - 5 miles over Dartmoor.

Prehab needs/ advice/support		
BMI	28	
MUST	0	
Sleep concerns	No	
Fatigue	Yes	
Audit C	0	
Smoking Advice	No	
Physical Advice	Yes	
Nutritional Advice	No	
Psychological support Yes		
Prehab care plan Yes		
Referral to Exercise Instructor Declined		



Prehab for Cancer Case Study 1:



"I couldn't even bend down to pick up my trousers!"

"Listening to you guys and just keeping moving has been very beneficial to me"

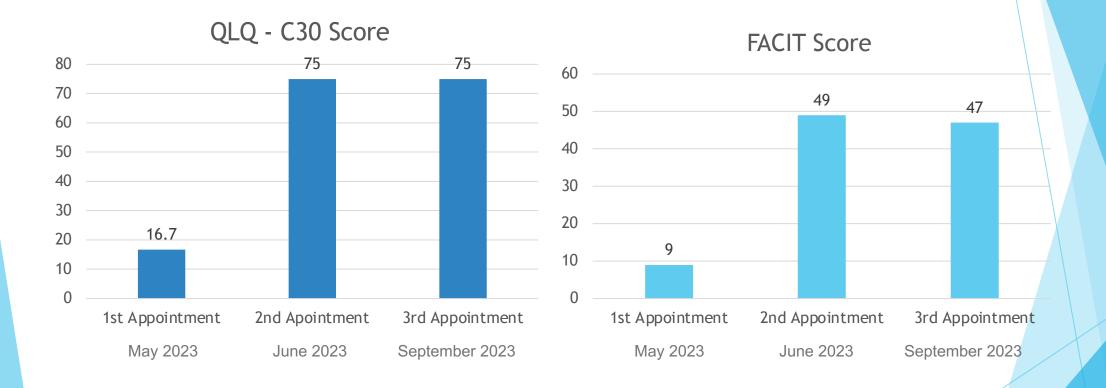
"I needed a stick to walk"

"Once I started the exercise routines and slowly increased them I was able to increase the distance that I walked"



Case Study 1:







Case Study 2: 83 year old Male



<u>Diagnosis:</u> Prostate Cancer Gleason 4+3 = 7

<u>Treatment:</u> Bicalutamide, TURP, Radiotherapy

<u>Prior to treatment:</u> Moderate performance status, tries to walk as much as he can

<u>PMH:</u> Mild COPD, drop foot and scoliosis, osteoarthritis, hiatus hernia

<u>Impact of treatment:</u> Had some hot flushes and constipation

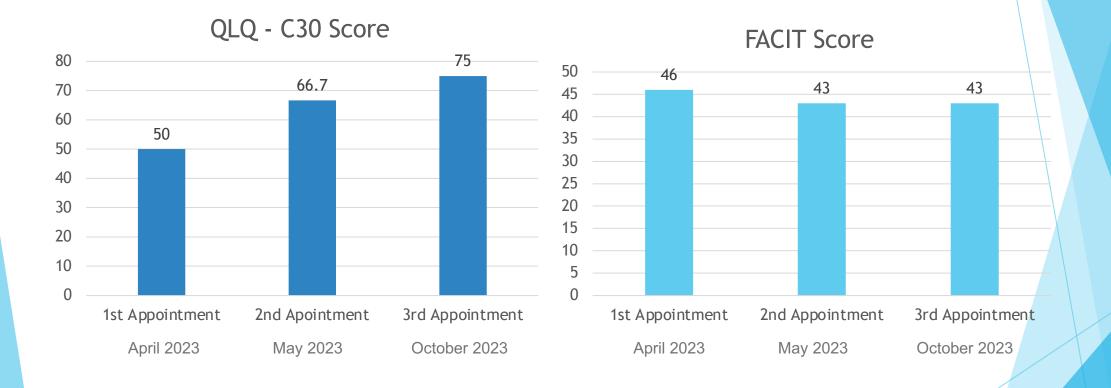
Impact of prehab: Found the prehab exercise sessions helpful. Has continued dog walking and socialising. He has been drinking decaffeinated drinks.

Prehab needs/ advice/support		
BMI	20.1	
MUST	0	
Sleep concerns	Yes	
Fatigue	No	
Audit C	0	
Smoking Advice No		
Physical Advice	Yes	
Nutritional Advice Yes		
Psychological support	No	
Prehab care plan Yes		
Referral to Exercise Instructor Yes		



Case Study 2:







Case Study 3: Prehab for Cancer 78 year old Female



Diagnosis: Adenocarcinoma of the Lung

Treatment: Left thoracotomy and upper lobectomy

Prior to treatment: Kept fairly active at home and in the garden

<u>Impact of treatment:</u> I have not been able to prepare my own meals but this is improving

Impact of prehab: Was initially told that may not be able to have surgical treatment due to fitness levels. I did go on to have surgery!

Prehab needs/ advice/support		
BMI	27.4	
MUST	0	
Sleep concerns	Yes	
Fatigue	Yes	
Audit C	0	
Smoking Advice	No	
Physical Advice	Yes	
Nutritional Advice	Yes	
Psychological support	Yes	
Prehab care plan Yes		
Referral to Exercise Instructor	Yes	



Prehab for Cancer Case Study

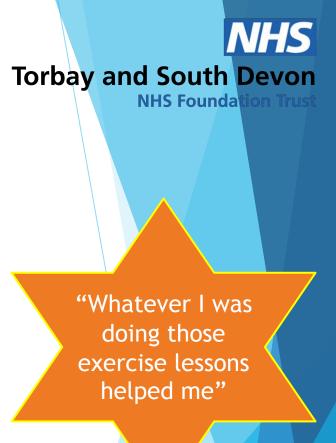
"The deep breathing advice helps to calm me down"

"Prepared my food prior to surgery less to do afterwards. Made my life easier for my recovery"

5 Senses

5 things you can SEE
4 things you can FEEL
3 things you can HEAR
2 things you can SMELL
1 thing you canTASTE

"Whatever I was doing I was doing right, because they didn't think they were going to operate"





Case study 4: Prehab for Cancer Motivational Interviewing





Mr X admits that he has been eating cakes and chocolate that he would rather not be eating due to boredom. We discussed his desire to make a change to his diet which he scored 8/10 and his motivation to make the change was 4/10. I asked how could you increase that motivation? Mr X A says he has a dinner jacket he wants to get back into so he wants to lose some weight for that.

We discussed how he could manage his boredom, he said he could listen to podcasts and music.

He says he could turn to fruit instead but recognises this could have a high sugar content too. I explained that fruit can be high in sugar but as this is natural sugar it is better choice than chocolate or cakes. We discussed ensuring his diet has a good amount of protein foods in which will keep him fuller for longer and less likely to reach for the unhealthy snacks. He took a leaflet that contains suggestions of protein rich foods to help him.





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"I know I needed to stop smoking"

"3 days of no smoking was previously 10 - 12 a day" "It gave me the nudge I needed to push me in the right direction..."

"The exercise sessions have helped not just physically but mentally as well"





- Prehab have referred to
 - ► The lodge
 - 3 referrals made from Prehab to The Lodge
 - ▶ 24 of our patients accessed support from the Lodge (Financial, Emotional, Complimentary therapies etc.)
 - Diabetic Nurses
 - ▶ 1 referral made from Prehab to Diabetic Nurses
 - ▶ Dieticians: Provide nutritional supplements directly
 - ▶ 1 referral made from Prehab to Dieticians
- Referral data not counted:
 - Smoking cessation
 - GP
 - CNS

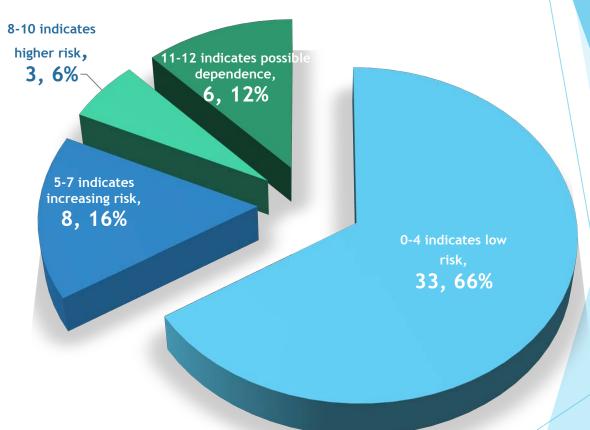


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Audit C results

- Audit C: Screening tool to identify adults at risk of alcohol dependency
 - 50 adults assessed using AuditC scoring









Prehab for Cancer Prehab approaches RN vs OT

Registered Nurse	Occupational Therapist
Psychological support (Psychology Level 2, Health Coaching, Motivational Interviewing) Mindfulness techniques, Dropping anchor technique and using your 5 senses for anxiety management.	Psychological support (Motivational Interviewing) Mindfulness techniques, Dropping anchor technique and using your 5 senses for anxiety management.
In depth baseline assessment skills assessing: Social history, medical history, physical activity levels, pain, bladder and bowel, psychological well being, sleep problems, fatigue, nutrition and hydration, BMI, MUST, Alcohol intake, smoking.	Community support contacts eg/ Age Concern Torbay for cleaning, shopping, befriending, day centres and lunch clubs, to help with fatigue and psychologically.
Knowledge to support patients in pain. Discussing their analgesics and referring to GP as required.	Physical goals focus with emphasis on fatigue management and pacing of activities.
Oral care support looking for signs of oral thrush referring to GP for prompt prescriptions i.e. nystatin or fluconazole.	In depth activities of daily living assessments for personal care, domestic care, work and leisure.
Supporting cancer patients with Diabetes and referring to Diabetic Nurses and/or Dietetics if necessary.	Close links with social services for equipment (raised furniture, key safes, rails, commodes etc) and packages of care or reablement for fatigue and pain.
Wound care support; assess wound healing, look for signs of infection refer to GP/PN/DN as needed.	Contacts for food deliveries such as Devon Farm Kitchen, & Ducky Delish to help with fatigue management and nutritional intake.
Urethral and suprapubic catheter care advice and support. Catheter advice post prostatectomy.	Contacts with Disability Employment Advisors at job centre, and voluntary services.



Limitations of Pilot

- OT started 2 months prior to RN it would have been better if we had started at the same time. OT left pilot after 9 months of her 12 month fixed term contact only 7 months into RN's contract
- Admin support required so more clinics can be held and patients seen
- Clinic space limited (Patients prefer The Lodge appointments, as more informal environment and parking is easier)
- Physical Exercise Instructor didn't start until 7th June 2023
- Difficulty obtaining referrals due to CNS' very busy workloads
- Substantive funding not available in time for RN and OT to continue in post.



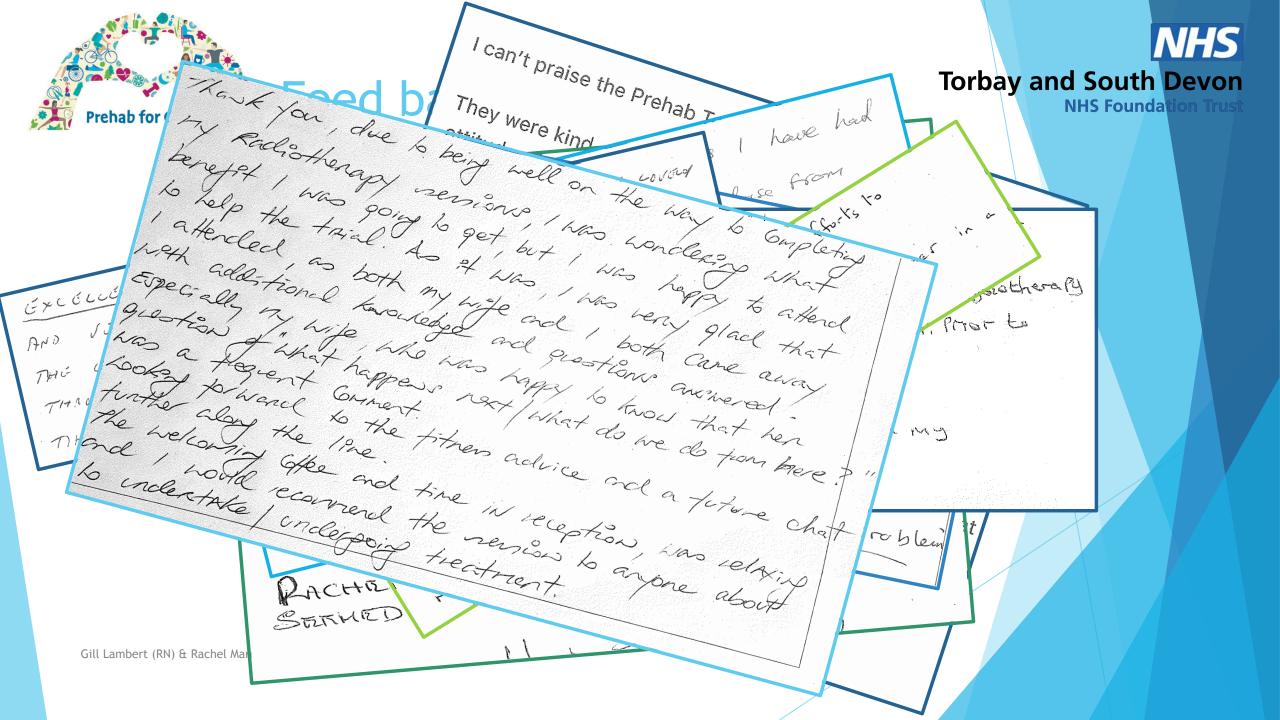




Prehab for Cancer Our Reflections



- Offer sessions giving advice in a group for nutritional advice and physical advice. They set their own goals and maybe share them if comfortable.
- To run appointments alongside the exercise sessions, so there's a one stop clinic for patients.
- Would look to streamline assessment process, as using both the HNA and the Prehab care plan duplicates work.
- Increase the links with the community cancer care workers that are based at GP surgeries.
- H&N voice banking offered from SALT with funding provided by Swallows charity. To link in with SALT for H&N patients. One patient said he found this was too late.
- It feels like we are covering a gap in the service as GP appointments are so scarce.
- Dietician advantageous
- Physio advantageous
- Set up regular phone calls to support patients









TSDFT Prehab for Cancer Pilot outcomes

1st March - 1st November 2023