



Wessex Cancer Alliance – Systemic Anti-Cancer Therapy Pathway

(April 2023)

Wessex Cancer Alliance has developed this visualisation using the information gathered during the SACT Pathway workshop in December 2022. Wessex Cancer Alliance would like to thank MSD for their support in the development of this visualisation.

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Diagram Key

- Pathway Step
- Location
- Responsible
- Support Process
- Patient Experience

SACT – Systemic Anti-cancer Treatment
MDT – Multi-disciplinary Team
CNS – Cancer Nurse Specialist
HNA – Health Needs Assessment
NMP – Non-medical Prescriber
PICC – Peripherally Inserted Central Catheter
CVAD – Central Venous Access Device
MyMR – My Medical Record
PIFU – Patient Initiated Follow-Up
AOS – Acute Oncology Service
OPA – Outpatient Appointment



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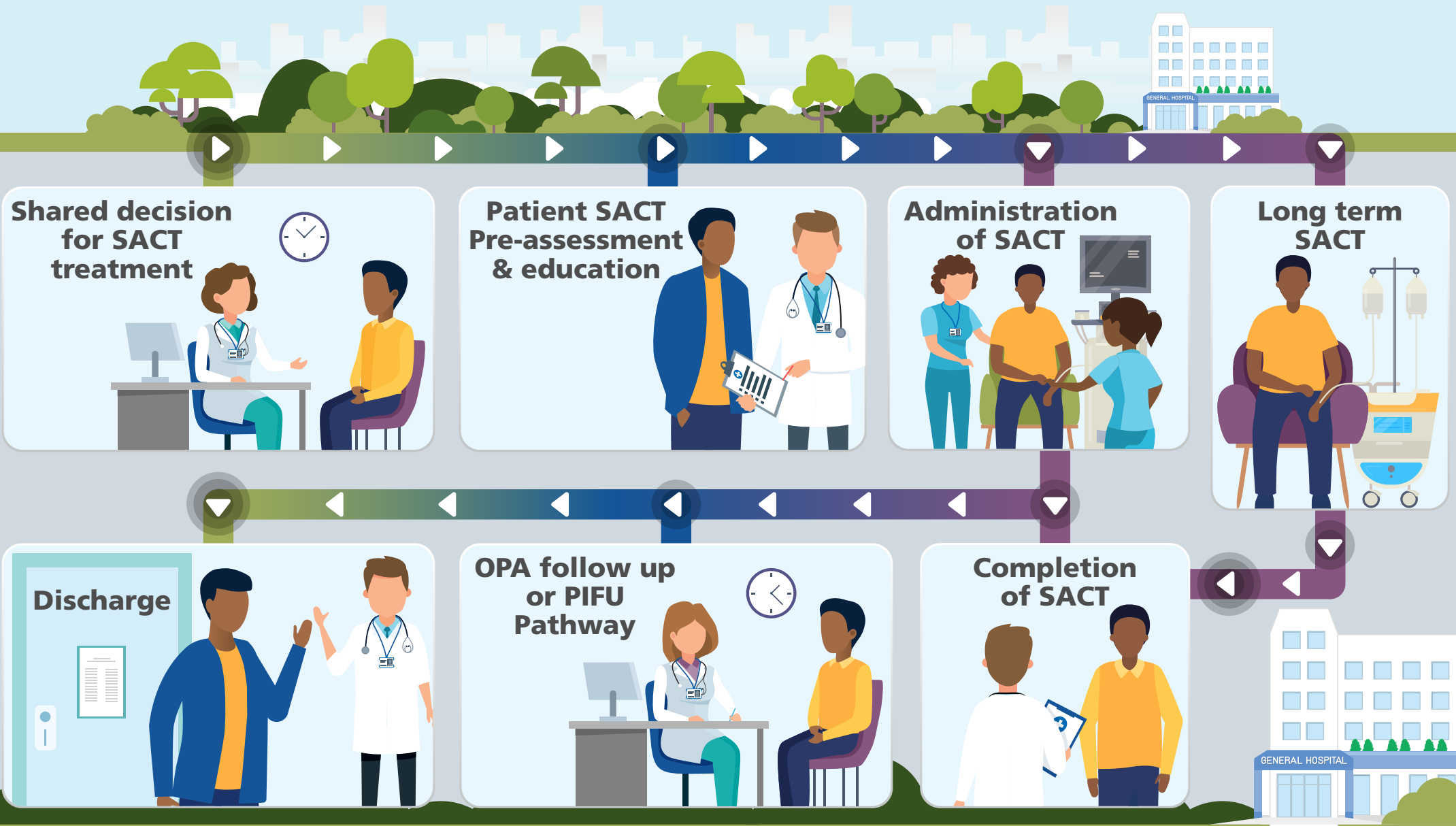


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Generic SACT Pathway

Day	Pathway Step	Location	Responsible	Support Process	Patient Experience
Pre Day 0	Step 1 MDT makes treatment recommendation	MDT Meeting	MDT Lead Clinician		
Day 0	Step 2 Decision to treat	Cancer Outpatient Clinic	Oncology / Haematology Consultant / Nurse Specialist and Patient	Provide Treatment plan, Performance Data, Frailty Assessment, further Investigations CNS discussion & Clinical Trials are discussed/ offered	Set expectations with Patient
	Step 3 Referral to SACT Unit	SACT Day Unit	Consultant / Nurse / Admin Staff	E-referral, Paper, scheduling	
	Step 4 Scheduling	Admin Services for SACT Day Unit	Schedulers / Admin	Book Patient into the SACT Unit/ Phone / Face-to-face / Online Appointment sent via email / in the post	
	Step 5 Arrange Patient SACT Education / SACT Pre-assessment	SACT Unit, Telephone, Group Workshop, MS Teams, Patient Video	SACT Nurse / CNS / Educator	Agree how SACT is delivered? Include Education on C-19, other illness / Symptoms to not present with for Treatment Complete HNA and Care planning	Evaluation of Patient Experience, HNA, (1 x supporting Person)
	Step 6 Pre-Treatment checks	Cancer Outpatient Clinic	Doctor / SACT Nurse / Pharmacist	Bloods, Consent, Height and Weight, Observations, E-prescribe Treatment Carry out Venous Assessment	
	Step 7 Consent to Treatment Plan	Cancer Outpatient clinic	Competent Doctor / Competent Nurse / Competent Pharmacist	Analyse results of Pre-treatment Investigations, written & signed Consent Copy offered to Patients	
Treatment - 3 days	Step 8 Venous Access Assessment PICC / CVAD / PORT	IV Team, Interventional Radiology	Cancer IV Team / Hospital IV team / Interventional Radiology	HIOW through Aria, Dorset through Mosaic	
Treatment - 2 days	Step 9 Prescription is generated & approved	Electronic	Consultant	Checks for Funding, Bloods and other pre-treatment Checks, screening, compounding	
Treatment - 1 days	Step 10 Screen & prepare Prescription	Pharmacy	Aseptic Team, Pharmacy	Health-Check, confirm Appointment time, confirm Patient's intent to attend	
	Step 11 Pre-treatment checks with Patient	Phone	Co-ordinator, Admin	Confirm Consent, TTOs (Tablets to Take Out), SACT Nurse discusses Treatment, Dietitian discussion Provide AOS Phone No Book next Appointment, OPA for Pump disconnection	Patient fit for Treatment?
By Day 31	Step 12 Begin 1st Treatment Cycle	SACT Day Unit	SACT Nurse, HCA, Admin & CNS	Assess suitability of Treatment. Monitor patients for adverse Reactions	Patient fit for Treatment?
	Step 13 Assessment prior to next Cycle				Patient adverse Reaction?
	Repeat Cycles				

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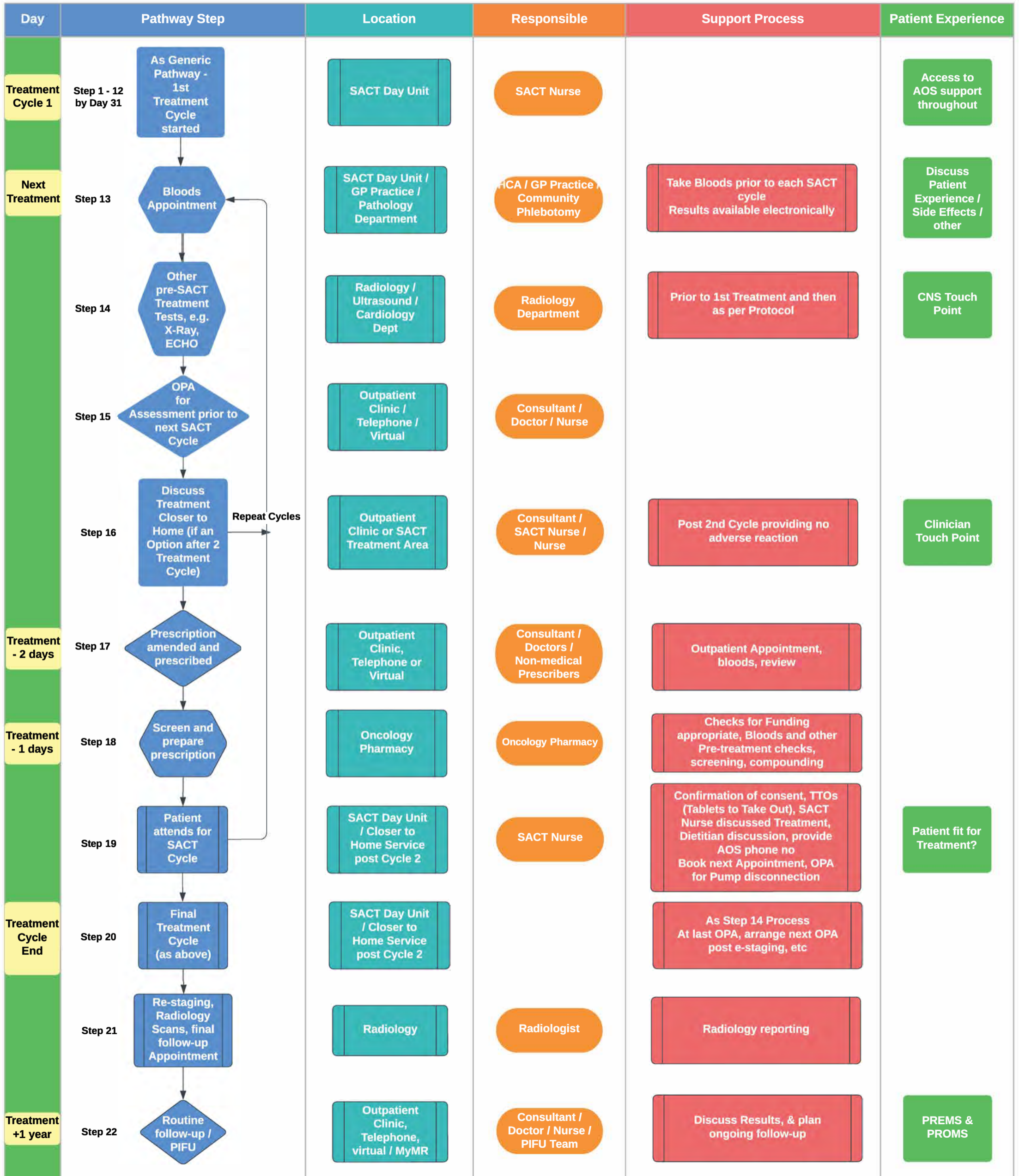


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IV SACT Pathway



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Diagram Key

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Sub-cutaneous SACT Pathway

Day	Pathway Step	Location	Responsible	Support Process	Patient Experience
	Steps 1 - 12 by Day 31 As Generic Pathway - 1st Treatment Cycle started				Discuss Patient Experience / Side Effects / other
Treatment Cycle 1 Start (T1 day 0)	Step 13 Cycle 1 begins If One Dose, will follow Step 13 If Multiple Doses then after 2 Cycles will follow Step 21	SACT Day Unit	SACT Nurse / Patient	Deliver SACT Drug to SACT Unit SACT Nurse gauges Patient Interest & assesses Dexterity Deliver Education & Demonstration Complete competency Assessment	Gauge Patient interest Assess Dexterity Patient undertakes Education
	Step 14 Ongoing Patient monitoring for Toxicity.	At Home	Patient	Patient receives Education on SACT and specific SACT Drug Side Effects Provided with AOS Contact Number	Discuss Patient Experience / Side Effects/ other
	Step 15 Blood Tests / other Tests as per Protocol	SACT Day Unit/ GP Practice, Pathology Department	HCA / GP Practice / Community Phlebotomy	Bloods taken prior to each SACT Cycle Results available electronically	
Treatment Cycle 2 (T1 + 18)	Step 16 OPA Assessment prior to next SACT Cycle	Cancer Outpatient Clinic/ Virtual/ Telephone	Doctor / SACT ANP / SACT CNS / Pharmacist	Bloods, Weight, Toxicity Assessment, Observations if indicated, Treatment prescribed. Patient sent next OPA, Bloods Forms	
Treatment Cycle 2 - 3 days	Step 17 Prescription amended & approved	Electronic	Consultant, Pharmacist /SACT ANP / SACT CNS	HIOW through Aria, Dorset through Mosaic	
Treatment Cycle 2 - 2 days	Step 18 Screen & prepare prescription	Oncology Pharmacy	Oncology Pharmacist	Checks for Funding, appropriate Bloods and other Pre-treatment Checks, screening, compounding	
Treatment Cycle 2 - 2 days	Step 19 Scheduling	SACT Day Unit	Schedulers / Admin	Book Patient into SACT Unit Deliver SACT Drugs	
Treatment Cycle 2 begins	Step 20 Cycle 2 begins	SACT Day Unit	SACT Nurse	Educated Patient administers under direct supervision Complete Competency Assessment and share Document with Homecare Pharmacy	Patient self administers under direct supervision
	Step 21 Ongoing Patient monitoring for Toxicity & any other Tests as per Protocol	At Home	Patient	Patient receives Education on SACT & specific SACT Drug Side Effects Provide AOS Contact Number	
	Step 22 Blood Tests / other Tests as per Protocol	SACT Day Unit/ GP Practice, Pathology Department	HCA / GP Practice / Community Phlebotomy	Take Bloods prior to each SACT Cycle Results available electronically	Discuss patient experience / side effects / other
Treatment Cycle 3	Step 23 Cycle 3 onwards OPA for Assessment prior to next Cycle	Cancer Outpatient Clinic / Virtual / Telephone	Doctor / SACT ANP / SACT CNS / Pharmacist	Bloods, Weight, Toxicity Assessment, Observations if indicated, prescribe Treatment Patient sent next OPA, Bloods Form	
Treatment Cycle 3 - 3 days	Step 24 Prescription is amended & approved	Electronic	Consultant / CNS / SACT Nurse	HIOW through Aria, Dorset through Mosaic	
Treatment Cycle 3 - 2 days	Step 25 Screen & prepare prescription	Trust Oncology Pharmacy → Homecare Prescription (after Oncology Pharmacy checks) passed to Homecare Pharmacy Provider	Trust Oncology Pharmacy / Homecare Pharmacy	Checks for Funding appropriate, Bloods and other Pre-treatment Checks, screening, compounding	
Treatment Cycle 3 - 2 days	Step 26 Scheduling	SACT Day Unit / Pharmacy / Delivered to Home by Trust / Delivered to Home by Homecare	Schedulers / Admin / Pharmacy / Courier / Homecare Provider	Patient collects SACT from SACT Unit Nurse with clear explanation, reinforcing SACT Education AOS on how to self administer at Home All Equipment provided / collected from SACT Unit	
Treatment Cycle 3 begins	Step 27 Administer Treatment Cycle	At Home	Patient	Patient remains at Home to receive SACT Prescription Supportive Medication potentially provided by NHS Trust (Patient / Carer collect separately)	
Treatment Cycle 4 to Treatment End	Step 28 Ongoing Patient monitoring for Toxicity	At Home	Doctor / SACT ANP / SACT CNS Pharmacist / Patient	Patient receives Education on SACT and specific SACT Drug Side Effects Provide with AOS Contact Number	
	Step 29 Final Treatment Cycle (as above)			As Step 14 Process At last OPA, arrange next OPA post re-staging, etc	
	Step 30 Re-staging, Radiology Scans, final follow-up Appointment	Radiology	Radiologist	Radiology reporting. Return SACT Waste to SACT Unit and dispose of	PREMS & PROMS
	Step 31 Routine follow-up / PIFU	Outpatient Clinic, Telephone, virtual / MyMR	Consultant / Doctor / Nurse / PIFU Team	Discuss Results & ongoing Follow-up Plan	

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Oral SACT Pathway

