Indication		As 1st line treatment for patients with stage III or IV ovarian, fallopian tube or primary peritone					
		carcinom	a.				
		NB: Neith	ner a dose of 7.5mg/kg bevacizumab nor it	s use in the neoadjuvant setting, nor its use in			
stage IIIA			disease is licensed in ovarian cancer, this	use of bevacizumab must be within the			
		treating Trust's governance framework.					
Treatment		Palliative / neo-adiuvant / adiuvant					
Intent	itent						
Frequency a	and	Repeat e	very 21 days				
number of		la du attau		handation fallenced by 42 million of			
cycles		maintena	h 6 cycles of bevacizumab, paclitaxel & carl	ete a total number of 18 cycles			
		manneene					
		For neo-a	adjuvant patients omit bevacizumab in the	cycle prior to interval debulking surgery.			
Monitoring		• Virol	ogy screening: All new patients referred for	or systemic anti-cancer treatment should be			
Parameters	_	scree	ned for hepatitis B and C and the result re	viewed prior to the start of treatment.			
pre-treatme	ent	Patie	nts not previously tested who are starting	a new line of treatment, should also be			
		scree	meu for nepatitis B and C. Further virology	screening will be performed following			
		DTPA	should be used to measure GFR prior to c	cycle 1. C+G may be used to estimate CrCl if			
		there	is a delay in obtaining DTPA result.	. ,			
		• Moni	tor CA125 and dipstick urine for proteinur	ia and test BP each cycle. Report to			
		consu	ultant if BP >/= 140/90.	e			
		Refer	erence should be made to KMCC guidelines for bevacizumab induced hypertension				
		pathy	nups;//www.kmcc.nns.uk/medicines-and-prescripting-incorporating-sact- pathways/guidelines-for-the-management-of-sact-induced-adverse-reactions/				
		See t	able 1 for guidance on proteinuria.				
Monitor U+Es, LFTs and FBC at on day 1, 8 and 15 of each cycle. If CrCl			15 of each cycle. If CrCl falls by >25% repeat				
EDTA.							
			ay 1 if neuts >/= 1.0 and PLI >/=/5 proceed with treatment. If parameters not met elay until recovery. If haematological recovery occurs within 7 days no dose				
			delay until recovery. If haematological recovery occurs within 7 days, no dose modification is required. If haematological recovery occurs beyond 7 days, dose review				
			of carboplatin and paclitaxel is recommended based on day 22 blood count (or				
		:	subsequent FBC if lower). It is recommend	ed that G-CSF prophylaxis is used in			
			preference to dose reduction where appropriate to maintain planned dose intensity.				
		0	• Day 8 & Day 15 if neuts >/=0.5 and PLT >/=50 with no sign of fever, infection or				
			bleeding give paclitaxel. a = 16 neuts <0.5 or PLT <50 omit that does 0 mitted does will not be replaced				
		Hepa	tic impairment:				
			 Bevacizumab: no dose recommendations. 				
		 Carboplatin: No dose adjustment required. 					
		• Paclitaxel: If bilirubin < 1.25 x ULN and transaminase < 10 x ULN, dose at full dose.					
		. D	Otherwise consider dose reduction, not re	commended in severe hepatic impairment.			
		● кепа	i impairment: Revacizumah: no dose recommendations				
		0	 bevacizumab: no dose recommendations. Carboplatin: stop if CrCl<30ml/min. 				
		0	Paclitaxel: no dose reduction necessary.				
		• Infus	ion-related reactions: If the infusion related	ed reaction can be attributed to a particular			
	r	agen	t, treat as follows:				
Protocol No	GYN	N-050	Kent and Medway SACT Protocol	for the accuracy of this information when used			
			elsewhere.	a for the accuracy of this information when used			
Version	2		Written by	M.Archer			
Supersedes	1		Checked by	C.Waters V2			
version				0.Adebayo V1			
Date	04.0	06.2025	Authorising consultant (usually NOG Chair)	J.Waters V1			
-	Date 04.00.2025			1			

0	Bevacizumab: If a patient experiences a mild infusion-related reaction, give the next in-
	fusion over 60 - 90 minutes +/- chlorphenamine cover. If this is tolerated, reduce the
	infusion time for the next doses in a step-wise fashion to a minimum of 30 minutes, and
	maintain that infusion time for all remaining doses.
0	Paclitaxel: Patients developing hypersensitivity reactions to Paclitaxel may be re-
	challenged with full dose Paclitaxel following prophylactic medication (e.g. famotidine
	40mg po given 4 hours prior to treatment plus Hydrocortisone 100mg iv and
	chlorphenamine 10mg iv 30 minutes prior to treatment), then give paclitaxel over 3-6
	hours (i.e. starting at over 6 hours and gradually increase rate if possible). If patients
	experience no hypersensitivity reactions after the first two doses of paclitaxel, remove
	pre-medication with dexamethasone and chlorphenamine from dose 3 onwards.
0	Carboplatin: Mild/moderate reactions (grade 1-2): If symptoms resolve after treatment
-	with hydrocortisone and chlorphenamine, the infusion may be restarted at 50% rate for
	30 mins, then, if no further reaction, increase to 100% rate.
0	If symptoms do not resolve after treatment with hydrocortisone and chlorphenamine.
0	do not restart the infusion. At consultant's discretion, natients may be rechallenged at a
	later date with additional prophylaxis. In the event of further reaction (grade 1-3) stop
	infusion and consider alternative treatment
0	Severe (grade 3): Do not restart infusion. Consider alternative treatment
0	Anaphylaxis (grade 4): Follow anaphylaxis protocol Discontinue permanently and
0	consider alternative treatment.
• Do	ose Modification:
0	Bevacizumab: Dose reduction for adverse reactions is not recommended. If indicated
0	therapy should either be permanently discontinued or temporarily suspended. If chem-
	otherapy is delayed bevacizumab should also be delayed. In the event chemotherapy is
	permanently discontinued continue with bevacizumab only.
0	Paclitaxel: Dose reduce Paclitaxel by 20% in the event of $>/=$ grade 2 neuropathy and
-	consider a delay until recovery to = grade 1.</th
0	Consider omitting paclitaxel in event of recurrent $>/=$ grade 3 neuropathy OR recurrent
	or persistent $>/=$ grade 2 neuropathy following a dose reduction.
0	If doses delayed or omitted due to neutropenia, consider use of G-CSF.
0	If more than one paclitaxel dose is omitted in the same cycle or at least one dose is
	omitted from two consecutive cycles, the dose of both carboplatin and paclitaxel should
	be reduced.
	1st Dose reduction carboplatin AUC 4 (based on starting dose of AUC 5) and paclitaxel
	60mg/m ²
	2nd Dose reduction carboplatin AUC3.5 (based on starting dose of AUC 5) and paclitaxel
	45mg/ ²
0	Dose reduction of carboplatin and paclitaxel should be considered if any other grade 3
	or 4 non-haematological toxicity or repeat appearance of grade 2 (except N&V and
	alopecia).
• Be	evacizumab specific monitoring and guidance:
0	For neo-adjuvant patients omit bevacizumab in the cycle prior to interval debulking
	surgery.
0	Bevacizumab may adversely affect wound healing. Do not give bevacizumab if patient
	has undergone major surgery within the last 28 days. Treatment should be stopped at
	least 28 days prior to elective surgery.
0	Patients may be at an increased risk for the development of gastrointestinal perforation
	and gall bladder perforation with bevacizumab. Therapy should be permanently
	discontinued in patients who develop gastrointestinal perforation. It is recommended

Protocol No	GYN-050	Kent and Medway SACT Protocol Disclaimer: No responsibility will be accepted for the accuracy of this information when used				
		elsewhere.				
Version	2	Written by	M.Archer			
Supersedes	1	Checked by C.Waters V2				
version		O.Adebayo V1				
			V2 Update to carboplatin dose guidance only.			
Date	04.06.2025	Authorising consultant (usually NOG Chair)	J.Waters V1			

	 an OGD is undertaken in patients at high risk of variceal bleeding and that all sizes of varices be assessed and treated as per local standard of care prior to treatment. Patients may be at increased risk for the development of fistulae when treated with bevacizumab. Posterior Reversible Encephalopathy Syndrome (PRES) has been reported with bevacizumab. In patients developing PRES, treatment of specific symptoms including control of hypertension is recommended along with discontinuation of bevacizumab. Caution should be exercised when bevacizumab and intravenous bisphosphonates are administered simultaneously or sequentially, as cases of osteonecrosis of the jaw have been reported. A dental examination and appropriate preventive dentistry should be considered prior to starting the treatment with bevacizumab. In patients who have previously received or are receiving intravenous bisphosphonates invasive dental procedures should be avoided, if possible. Any suspected thrombosis and/or haemorrhage d/w consultant. Patients with a history of arterial thromboembolism, diabetes or >65 years old should be treated with caution. Patients with thromboembolic reactions Bevacizumab should be discontinued in patients with life-threatening (Grade 4) thromboembolic reactions, including pulmonary embolism or (refer to SPC for management). Common drug interactions (for comprehensive list refer to BNF/SPC): Bevacizumab: Caution when used with drugs known to cause bleeding, concurrent use may increase risk. Paclitaxel Caution should be exercised when administering paclitaxel concomitantly with medicines known to inhibit either CYP2C8 or CYP3A4 (e.g. ketoconazole, erythromycin, fluoxetine, clopidogrel, cimetidine, ritonavir and nelfinavir); toxicity may be increased.
	 Pacilitaxel Caution should be exercised when administering paclitaxel concomitantly with medicines known to inhibit either CYP2C8 or CYP3A4 (e.g. ketoconazole, erythromycin, fluoxetine, clopidogrel, cimetidine, ritonavir and nelfinavir); toxicity may be increased. CYP2C8 or CYP3A4 inducers (e.g. rifampicin, carbamazepine, phenytoin, efavirenz, nevirapine) may reduce efficacy. Carboplatin
	Caution with other nephrotoxic drugs.
References	KMCC protocol V1 Gynae NOG decision regarding dose capping.

NB For funding information, refer to CDF and NICE Drugs Funding List

Protocol No	GYN-050	Kent and Medway SACT Protocol Disclaimer: No responsibility will be accepted for the accuracy of this information when used elsewhere.				
Version	2	Written by	M.Archer			
Supersedes	1	Checked by	C.Waters V2			
version		O.Adebayo V1				
			V2 Update to carboplatin dose guidance only.			
Date	04.06.2025	Authorising consultant (usually NOG Chair)	J.Waters V1			

1+ or 2+ on dipstick (0.3 – 2.9g/L)	3+ on dipstick (3 - 19g/L):	4+ on dipstick (>/=20g/L)
Continue with bevacizumab. No additional evaluation required	May have dose of bevacizumab as scheduled, but will need 24-hour urine collection to measure protein a few days before next cycle due. If 24hr protein result < 2g, continue with bevacizumab. With continued proteinuria monitoring via 24-hour urine before each dose. If the 24-hour protein level falls to < 1g/24hr, return to dipstick analysis. If >/=2g, withhold bevacizumab until repeat 24-hour urine collection shows < 2g protein. Then re-introduce bevacizumab, with continued proteinuria monitoring via 24-hour urine.	Withhold bevacizumab. 24-hour urine collection required. Follow 24-hour urine monitoring and guidance as for 3+ on dipstick.

Protocol No	GYN-050	Kent and Medway SACT Protocol				
		Disclaimer: No responsibility will be accepted for the accuracy of this information when used				
		elsewhere.				
Version	2	Written by	M.Archer			
Supersedes	1	Checked by	C.Waters V2			
version		O.Adebayo V1				
			V2 Update to carboplatin dose guidance only.			
Date	04.06.2025	Authorising consultant (usually NOG Chair)	J.Waters V1			

Cycle 1 to 6: Repeat every 21 days

Day	Drug	Dose	Route	Infusion	Administration	
				Duration		
Day 1	Dexamethasone	8mg (may be reduced to 4mg in subsequent doses)	IV	Bolus		
	Chlorphenamine	10mg	IV	Slow bolus	Over 3 min through the side of a fast running Sodium Chloride 0.9% intravenous infusion.	
	Ondansetron	<75yrs 16mg >/=75yrs 8mg	IV	15 min	Sodium chloride 0.9% 50ml	
		Please ensure pre-me	ds are giv	ven 30 mins	s prior to paclitaxel	
	PACLITAXEL	80mg/m²	IV	1 hr	In 250ml Sodium Chloride 0.9% (non- PVC bag and non-PVC administration set) via in-line 0.22 microns filter. Flush with sodium chloride 0.9%	
	CARBOPLATIN	AUC 5 Dose =(GFR + 25) x AUC (dose capped at 790mg on epx system)	IV	30 mins	Glucose 5% 500ml In clinical practice the dose is usually capped at either 700mg OR for a maximum calculated dose of GFR 125ml/min	
	BEVACIZUMAB	7.5mg/kg	IV	15mins*	In a total of 100mls sodium chloride 0.9% Flush the line with sodium chloride 0.9% for injection at the end of the infusion.	
	If a patient experiences a mild infusion-related reaction, give the next infusion over 60 - 90 minutes +/- chlorphenamine cover. If this is tolerated, reduce the infusion time for the next doses in a stepwise fashion to a minimum of 30 minutes, and maintain that infusion time for all remaining doses. *unlicensed rate of infusion					
Day 8 and 15	Dexamethasone	8mg (may be reduced to 4mg in subsequent doses)	IV	Bolus		
	Chlorphenamine	10mg	IV	Slow bolus	Over 3 min through the side of a fast running Sodium Chloride 0.9% intravenous infusion.	
	Metoclopramide	20mg	IV	Bolus		
		Please ensure pre-me	ds are giv	ven 30 mins	prior to paclitaxel	
	PACLITAXEL	80mg/m²	IV	1 hr	In 250ml Sodium Chloride 0.9% (non- PVC bag and non-PVC administration set) via in-line 0.22 microns filter. Flush with sodium chloride 0.9%	

Protocol No	GYN-050	Kent and Medway SACT Protocol				
		Disclaimer: No responsibility will be accepted for the accuracy of this information when used				
		elsewhere.				
Version	2	Written by	M.Archer			
Supersedes	1	Checked by	C.Waters V2			
version		O.Adebayo V1				
			V2 Update to carboplatin dose guidance only.			
Date	04.06.2025	Authorising consultant (usually NOG Chair)	J.Waters V1			

TTO cycle 1 to 6

TTO	Drug	Dose	Route	Directions
Day 1	Dexamethasone	6mg	РО	OM for 3 days after day 1
Day 1, 8 & 15	Metoclopramide	10mg	PO	3 times a day for 3 days, then 10mg up to 3 times a day as required. (Maximum of 30mg per day including 10 mg pre- chemo dose) Do not take for more than 5 days continuously.
Day 8 & 15	Dexamethasone	4mg	РО	OM for 2 days after day 8 and Day 15

<u>Cycle 7 to 18 repeat every 21 days</u>: NB alternatively, eligible patients may continue on to olaparib and bevacizumab 15mg/kg following 1st line induction.

Day	Drug	Dose	Route	Infusion	Administration
				Duration	
1	BEVACIZUMAB	7.5mg/kg	IV	15mins*	In a total of 100mls sodium chloride 0.9% Flush line with sodium chloride 0.9%
	If a patient experiences a mild infusion-related reaction, give the next infusion over 60 - 90 minutes +/- chlorphenamine cover. If this is tolerated, reduce the infusion time for the next doses in a step-wise fashion to a minimum of 30 minutes, and maintain that infusion time for all remaining doses. *unlicensed rate of infusion				

Protocol No	GYN-050	Kent and Medway SACT Protocol	
		Disclaimer: No responsibility will be accepted for the accuracy of this information when used	
		elsewhere.	
Version	2	Written by	M.Archer
Supersedes	1	Checked by	C.Waters V2
version			O.Adebayo V1
			V2 Update to carboplatin dose guidance only.
Date	04.06.2025	Authorising consultant (usually NOG Chair)	J.Waters V1