Zanubrutinib 1 of 4

Indication		Manatharany for the treatment of				
indication		Monotherapy for the treatment of:				
		next tro Patient via an e patient macroe	eated with bendamustine plus rituximab s must be treatment naïve to a Bruton's	kinase inhibitor unless received zanubrutinib d Waldenstrom's macroglobulinaemia or the viously treated Waldenstrom's lely as a consequence of dose-limiting		
 previously untreated chronic lymphatic leukaemia (CLL) or small lymphatic (SLL) which has a 17p deletion and/or TP53 mutation. The patient must have not had previous systemic therapy for CLL/SLL zanubrutinib was previously commenced via a BeiGene early access a acalabrutinib or 1st line ibrutinib has had to be stopped due to dosethe clear absence of disease progression. 			ation. ic therapy for CLL/SLL unless 1st line eiGene early access scheme or 1st line			
 previously untreated chronic lymphatic leukaemia (CLL) or small lym (SLL) which does not have a 17p deletion or a TP53 mutation in patie otherwise have been considered as unsuitable for treatment with th fludarabine, cyclophosphamide and rituximab (FCR) or the combinat and rituximab (BR). The patient must have not received any previous systemic therapy for zanubrutinib was previously commenced via a BeiGene early access acalabrutinib has had to be stopped solely due to dose-limiting toxic absence of disease progression. 			P53 mutation in patients who would or treatment with the combination of FCR) or the combination of bendamustine s systemic therapy for CLL/SLL unless 1st line leiGene early access scheme or 1st line			
 previously treated chronic lymphatic leukaemia (CLL) with or without a 17p delet TP53 mutation. Patients must be treatment naïve to a Bruton's kinase inhibitor or the patient procommenced ibrutinib or acalabrutinib monotherapy for previously treated CLL/S ibrutinib or acalabrutinib had to be discontinued solely due to dose-limiting toxic the clear absence of disease progression or the patient has previously been treatlist line combination of ibrutinib plus venetoclax and was still in response on contreatment but has since relapsed. 			kinase inhibitor or the patient previously rapy for previously treated CLL/SLL and the disolely due to dose-limiting toxicity and in patient has previously been treated with the			
 Previously treated marginal zone lymphoma (MZL) treated with at least 1 prior anti-CD20-based therapy. Patients must be treatment naïve to a Bruton's kind have been treated with zanubrutinib via a company access scheme. Treatment Disease modification. 		tment naïve to a Bruton's kinase inhibitor or				
Intent Frequency		Repeat every 28 days continuous cycle				
and number of cycles Treatment should continue until disease progression, unacceptable toxicity or patient of		unacceptable toxicity or patient choice.				
		A formal medical review should take place by the end of the first 8 weeks of treatment to establish if treatment should continue.				
			pgy screening: All new patients referred for systemic anti-cancer treatment should be			
Parameters		screened for hepatitis B and C and the result reviewed prior to the start of treatment. Patients				
pre-treatment		not previously tested who are starting a new line of treatment, should also be screened for hepatitis B and C. Further virology screening will be performed following individual risk assessment and clinician discretion.				
Protocol No	М	JLTI-031	Kent and Medway SACT Protocol			
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Version	V2		Written by	M.Archer		
Supersedes	V1		Checked by	H.Paddock		
version				P.Chan		

Authorising consultant (usually NOG Chair)

M.Young

22.11.2024

Date

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- ECG baseline and as clinically indicated.
- Monitor FBCs, LFTs and U&Es at baseline and at each cycle.
- Hepatic impairment: No recommended dose reduction in mild to moderate hepatic impairment. In severe hepatic impairment dose reduce to 80mg BD and monitor patients closely.
- Renal impairment: No dose modification is recommended in patients with mild to moderate renal impairment (CrCl>/=30 ml/min). Patients with severe renal impairment (CrCl <30 ml/min) or on dialysis should be monitored for adverse reactions.
- Management of adverse reactions and dose adjustments:
- **Dose Modification:** Dosing delay or discontinuation may be required based on individual safety and tolerability; see Table 1.
- Haemorrhage: Fatal and serious haemorrhagic events have occurred in patients with haematological malignancies treated with zanubrutinib, both with or without concomitant antiplatelet or anticoagulation therapy. Consider the risks and benefits of anticoagulant or antiplatelet therapy when co-administered with zanubrutinib. Patients should be monitored for signs and symptoms of bleeding. Consider the benefit-risk of withholding treatment for 3-7 days pre- and post-surgery depending upon the type of surgery and the risk of bleeding.
- Cardiac Arrhythmias: Monitor for signs and symptoms of atrial fibrillation and atrial flutter
 and manage as appropriate. Patients with cardiac risk factors, hypertension and acute
 infections may be at increased risk monitor closely.
- Tumour lysis syndrome has been infrequently reported with zanubrutinib therapy, particularly in patients who were treated for chronic lymphocytic leukaemia (CLL). Assess relevant risks (e.g., high tumour burden or blood uric acid level) and take appropriate precautions. Monitor patients closely and treat as appropriate.
- Common drug interactions (for comprehensive list refer to BNF/SPC):
- Concomitant use of strong (e.g. posaconazole, voriconazole, ketoconazole, itraconazole, clarithromycin) and moderate (fluconazole, erythromycin, ciprofloxacin, amprenavir, aprepitant and atazanavir) CYP3A4 inhibitors should be avoided. If strong CYP3A4 inhibitors cannot be avoided, dose reduce to 80mg OD and if a moderate CYP3A4 inhibitor cannot be avoided, dose reduce to 80mg BD. If the CYP3A4 inhibitor is discontinued, the zanubrutinib dose should be increased to the dose used prior to the initiation of the CYP3A4 inhibitor
- Concomitant use with moderate or strong CYP3A inducers should be avoided. If a moderate inducer cannot be avoided increase dose to **320mg BD**.
- Co-administration with antiplatelet or anticoagulant medications may increase the risk of haemorrhage. Monitor at risk patients closely for signs and symptoms of bleeding.
- Warfarin or other vitamin K antagonists should not be administered concomitantly with zanubrutinib.
- The coadministration of oral P-gp substrates with a narrow therapeutic index (e.g. digoxin) should be done with caution as zanubrutinib may increase their concentrations.
- Do not take with grapefruit juice or Seville oranges.
- Missed dose: If a dose is missed, it should be taken as soon as possible on the same day with a
 return to the normal schedule the following day. A double dose should not be taken to make
 up for a missed dose.
- **Driving:** Patients should be advised to be cautious when driving or using machines in case they experience fatigue or dizziness during treatment.
- For oral self-administration: refer to local Trust policy on oral anti-cancer medicines and supply Patient Information Leaflet.

References

SPC accessed online 02.08.2024 CDF list V1.317 accessed online 02.08.2024 KMCC protocol MULTI-031 V1

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

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Table 1: Recommended Dosage Modification for Adverse Reaction

Event	Adverse reaction	Dosage Modification
	occurrence	(Starting Dose: 160 mg twice daily or
		320 mg once daily)
Haematological and Non-Haemato	ological toxicities	
Grade 3 febrile neutropenia	First	Interrupt treatment
Grade 3 thrombocytopenia with		Once toxicity has resolved to Grade 1 or
significant bleeding		lower or baseline: Resume at 160 mg
		twice daily or 320 mg once daily.
Grade 4 neutropenia (lasting more	Second	Interrupt treatment
than 10 consecutive days)		Once toxicity has resolved to Grade 1 or
		lower or baseline: Resume at 80 mg
Grade 4 thrombocytopenia (last-		twice daily or 160 mg once daily.
ing	Third	Interrupt treatment
more than 10 consecutive days)		
		Once toxicity has resolved to Grade 1 or
>/= Grade 3 non-haematological		lower or baseline: Resume at 80 mg once
toxicities		daily
	Fourth	Discontinue treatment

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Repeat every 28 days continuous cycle

TTO	Drug	Dose	Route	Directions
Day 1	ZANUBRUTINIB	320mg	PO	160mg BD Or 320mg OD Swallow whole, do not open, crush or chew the capsules. Available as 80mg capsules
	Co-trimoxazole	480mg	РО	BD on a Monday, Wednesday and Friday only.
	Aciclovir	400mg	РО	BD
	Allopurinol	300mg	РО	OD Cycle 1 only.
	Consider antifungal prophylaxis only in patients with additional risk factors being aware of drug interactions with CYP3A inhibitors			

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