Patient details	





Decompensated Cirrhosis Care Bundle - First 24 Hours

Decompensated cirrhosis is a medical emergency with a high mortality. Effective early interventions can save lives and reduce hospital stay. This checklist should be completed for all patients admitted with decompensated cirrhosis within the first 6 hours of admission.

1	L. Invest	igations													
a)	NEWS□	FBC □	U/E		LFT		Coag		Gluc		Ca/PO ₄	/N	lg		1
b)	Blood cul	tures 🗖			Urine MSU	Dip/	CXR		Request abdo	USS	CRP				Initia
c)		ascitic tap i ive of clott albumin	-		with as				edle		Done Y N		N/A	1	Time
d)	Record re	ecent daily	alcoh	ol intak	e				Units			,			
2	2. Alcoh	ol - if the	-			-		xcess	alcohol	consu	mption		\1 / A	П	Initia
a)	Give IV P	/s units) abrinex (2 إ								Y N			N/A		Time
b)		ce CIWA so					•	 عا		YN		/A			
•								ui .		_ ' '	14			, 0	
a)		ions - if se s the suspe											IN/ <i>F</i>	. u	Initia
b)	Treat wit	h antibiotio	s in ac	cordan	ce with	Trust r	rotocol					Υ	N		
c)		itic neutro							en give:			Υ	N		Time
		eat with an										Υ	N	NA	
	•	albumin (20					,	κg				Υ	N	NA	
		g of albumin i								<i>(</i> ,)					
	4. Acute	kidney ir	<u> </u>		<u> </u>					-			N/	4 🔲	
ΔΚΙ	defined h	y modified							L within 4 last 7 days						
AIXI	RIFLE cri	•							ore than 6		sed on dr	v w	eigh	nt or	1
	IVIII EE CIT	teria			dehydra							,	0.8.		Initial
a)	Suspend	all diuretic	s and r	nephrot	oxic dru	ıgs						Υ	N	NA	
b)	Fluid resuscitate with 5% Human Albumin Solution or 0.9% Sodium Chloride							Υ	N		Time:				
c)		uses with regi uid balance				ill correc	t most lo	sses)				v	N		-
d)				•		5ml/ka	/hr has	ed on	dry weig	ht			N		+
e)	Aim for MAP>80mmHg to achieve UO>0.5ml/kg/hr based on dry weight At 6 hrs, if target not achieved or EWS worsening then consider escalation to)			NA				
·		vel of care	rt.				CLL	di .				.1	NI /		
		eding – if												1	
a)		uscitate acc			•		ous pre	ssure	(aim MAI	- >65 r	nmHg)		N	NI A	-
b)	(caution if I	IV terlipre known ischae	mic hea	rt diseas	e or perip	heral va		ease; p	perform ECC	in >65	yrs)			NA	<u> </u>
c)		prophylac e unless conti			as per 1	rust p	rotocol					Υ	N		Initial
d)	If prothro	mbin time	(PT) p	rolonge	ed give I	V vitan	nin K 10	mg st	tat			Υ	N	NA	Time:
e)		seconds (o			give FFF	2-4 u	ınits)						N	NA	_
f)	•	ts <50 – giv												NA	
g)		blood if H							>8g/L)				N	NA	_
h)	Early end	oscopy aft	er resu	ıscitatio	n (ideall	y within	12 hours)				Υ	N		

Continues overleaf..→

(5. Encephalopathy	N/A	7 🗖				
a)	Look for precipitant (GI bleed, constipation, dehydration, sepsis etc.)	Υ	N	Initials:			
b)	Encephalopathy – lactulose 20-30ml QDS or phosphate enema (aiming for 2 soft stools/day)	Υ	N	Time:			
c)	If in clinical doubt in a confused patient request CT head to exclude subdural	N	I/A				
-,	haematoma						
7. Other							
	Venous thromboembolism prophylaxis – prescribe prophylactic LMWH (patients with			Initials:			
a)	liver disease are at a high risk of thromboembolism even with a prolonged prothrombin time; withhold	Y	N NA	Time:			
	if patient is actively bleeding or platelets <50)			Tillie.			
b)	GI/Liver review at earliest opportunity (ideally within 24 hrs)	Į					

Name	Grade	Date	Time
Name:	Graue	Date	

<u>Decompensated Cirrhosis Care Bundle - First 24 Hours</u>

The recent NCEPOD report 2013 on alcohol related liver disease highlighted that the management of some patients admitted with decompensated cirrhosis in the UK was suboptimal. Admission with decompensated cirrhosis is a common medical presentation and carries a high mortality (10-20% in hospital mortality). Early intervention with evidence-based treatments for patients with the complications of cirrhosis can save lives. This checklist aims to provide a guide to help ensure that the necessary early investigations are completed in a timely manner and appropriate treatments are given at the earliest opportunity.

- O Decompensated cirrhosis is defined as a patient with cirrhosis who presents with an acute deterioration in liver function that can manifest with the following symptoms:
 - o Jaundice
 - Increasing ascites
 - Hepatic encephalopathy
 - Renal impairment
 - GI bleeding
 - Signs of sepsis/hypovolaemia
- Frequently there is a precipitant that leads to the decompensation of cirrhosis. Common causes are:
 - GI bleeding (variceal and non-variceal)
 - o Infection/sepsis (spontaneous bacterial peritonitis, urine, chest, cholangitis etc)
 - Alcoholic hepatitis
 - Acute portal vein thrombosis
 - Development of hepatocellular carcinoma
 - Drugs (Alcohol, opiates, NSAIDs etc)
 - Ischaemic liver injury (sepsis or hypotension)
 - Dehydration
 - Constipation

When assessing patients who present with decompensated cirrhosis please look for the precipitating causes and treat accordingly. The checklist shown overleaf gives a guide on the necessary investigations and early management of these patients admitted with decompensated cirrhosis and should be completed on all patients who present with this condition. The checklist is designed to optimize a patient's management in the first 24 hours when specialist liver/gastro input might not be available. Please arrange for a review of the patient by the gastro/liver team at the earliest opportunity. Escalation of care to higher level should be considered in patients not responding to treatment when reviewed after 6 hours, particularly in those with first presentation and those with good underlying performance status prior to the recent illness.