(PLACE PATIENT LABEL HERE)		
SURNAME:		NHI:
FIRST NAMES:		
DATE OF BIRTH:	//	SEX:



COPD PATHWAY AND CHECKLIST INC. BILEVEL VENTILATION





⊠= no

⊠= yes

(PLACE PATIENT LABEL HERE)	
SURNAME:	NHI:
FIRST NAMES:	
DATE OF BIRTH:	/ SEX:

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PLAN A: COPD CHECKLIST		
ALL COPD PATIENTS		
Initial Management – investigations and treatment on arrival		
Oxygen:		
Oxygen via Venturi mask started at 28%, OR		
Arterial blood gas:		
Bronchodilators:		
\square Salbutamol inhaler via spacer: 8 –10 puffs		
Dipratropium 500mcg via nebuliser		
Steroids:		
Prednisone 40mg orally, once daily for 5 days OR		
Hydrocortisone 200mg IV three times a day until able to be changed to oral medication		
Antibiotics:		
Antibiotics as per Waitemata DHB guidelines		
Cough: if patient has productive cough and cannot expectorate, physiotherapist should be called		
Physiotherapist paged to attend		
Initial Investigations		
Sputum		
ECG		
ABG		
Bloods:		
FBC electrolytes CRP		
Ongoing Management – investigations and treatment during admission		
Oral steroids for 5-7 days maximum. Wean steroids only if either on long term or >3 courses in past 12 months		
Change IV ABs to oral when indicated		
Wean from nebulisers to inhalers using spacer device		
Physiotherapist for breathing technique, sputum clearance and early mobilisation		
HEP (High Energy Protein) diet – most patients need high energy protein diet during admission		
Refer to Respiratory CNS for review pre-discharge if possible (therefore refer early in admission)		
Discharge Planning for COPD		
Smoking cessation – this is the most important discharge item		
\Box Optimics inholed therapy - inholed corticosteroids only indicated for frequent exacorbations with EEV1<50%		
Springse inflated therapy - inflated concession in inflated by frequence exact bullions with FEV1<30%		
Fill vaccination and pneumococcal vaccination – patient should attend GP		
Give patient COPD booklet (available on all wards) and self-management plan		
NameDate/TimeDate/Time		

(PL	ACE PATIENT LABEL HERE)
SURNAME:	NHI:
FIRST NAMES:	
DATE OF BIRTH:	_// SEX:



PLAN B: BILEVEL VENTILATION PATHWAY



AND has been handed over to ward staff including prescription and mask information (to enable set-up pre-arrival)

2	Waitemata District Health Board
	Best Care for Everyone

(PLACE PATIENT LABEL HERE)	
SURNAME:	NHI:
FIRST NAMES:	
DATE OF BIRTH:/	/ SEX:

⊠= yes ⊠= no

PLAN B: BILEVEL VENTILATION CHECKLIST

PLAN B: BILEVEL VENTILATION		
Criteria for starting bilevel ventilation		
Type 2 respiratory failure		
\square GCS>8		
Controlled oxygen therapy for 60 minutes UNLESS GCS <15 or overwhelming clinical concern		
Has had CXR: pneumothorax and LVF excluded		
Referred to General Medicine		
Initial therapy started as per COPD checklist		
Patient is appropriate for bilevel ventilation eg. not end stage cancer or other imminent dving process		
Consent obtained from patient – can be verbal (or deemed in best interests if unable to consent)		
Admission planning		
CPR status confirmed and documented		
Documented plan in case of failure is escalation or palliation		
Duty Nurse Manager informed (To allocate ward 10 bed)		
Consent – items to discuss		
Common risks:		
Failure of treatment		
Gastric distension		
Nausea +/- NG tube		
Mask related problems – sore eyes, nose, skin, mouth		
– pressure areas		
Starting bilevel ventilation		
Machine is set up correctly (see card on machine for advice)		
Settings for this patient in machine (machine retains last settings so reset to default)		
Circuit learnt - and FiQ2 calibrated		
Suitable mask size for patient face available		
All oxygen tubing and connections checked		
Criteria for transfer to ward 10		
Patient has been stable for at least 1 hour		
Patient is suitable for hourly observations or less frequently		
Patient is requiring nebulisers no more than 2 hourly		
\square RR < 30 AND oxygen saturations within target range on FiO ₂ 35% or less		
\square NEWS score altered to clinically appropriate levels		
Oxygen and bilevel ventilation prescription charted		
CPR status and ceiling of care documented		
Ward 10 aware of bilevel ventilation prescription and patient-specific mask information		
Additional Discharge Planning for CO ₂ retaining patients		
Qxygen alert card (via respiratory CNS or ward-based respiratory box) with target range		
ACP (advanced care planning)		
If no respiratory CNS review pre-discharge: please refer for respiratory follow up		
NameDate/TimeDate/Time		

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