(Online supplement) TIDieR checklist to describe the BREATHE intervention

Item	e supplement) TIDieR checklist to describe the B Description	NEATTIE IIILEIVEILIOIT
1	Brief name: Provide the name or a phrase that	Breathlessness RElief AT Home (BREATHE)
'	describes the intervention	Breathess (Eller / Trome (BRE/TTIE)
2		Fook component was calcuted from components of
2	Why: Describe any rationale, theory, or goal	Each component was selected from components of
	of the elements essential to the intervention	evidence based chronic breathlessness management
		interventions if thought to be applicable in the emergency
		situation. The proposed intervention was then agreed on
		after feedback gained through interviews with a range of
		clinicians. The aim of the intervention is to provide
		paramedics with a structured set of breathlessness
		management strategies that they can incorporate into their
		practice.
		The combination of elements B, R, E, A and T are
		intended to settle the patient's breathlessness and then a
		decision on whether conveyance is now necessary or not
		can be made. The H and E elements are then added
		when the paramedic goes back over the BREATHE
		intervention on the leaflet and action plan to help the
		patient and carer know how they could act if there are
		future instances of acute-on-chronic breathlessness.
		Further information on managing every day
		breathlessness and where to find support is incorporated
		in the booklet that the paramedic leaves with them to read
		at their leisure.
2	What (materials), Describe and	
3	What (materials): Describe any	The leaflet and action plan are on a laminated card for
	physical or informational materials used in the	
	intervention, including those provided to	information booklet is a 22-page booklet covering
	participants or used in intervention delivery or	information on managing every day breathlessness and
	in training of intervention providers. Provide	where to find support.
	information on where the materials can be	(See online supplements)
	accessed (for example, online appendix, URL)	
4	What (procedures): Describe each of the	
	procedures, activities, and/or processes used	
	in the intervention, including any enabling or	
	support activities	
4i*	Be reassured that the breathlessness will	Paramedic provides a reassuring presence.
	ease and you will feel better	Paramedic models all of the steps to the carer and
		encourages them to take part.
4ii*	Resting position: find the most comfortable	Patient is helped to find a comfortable position to ease
	position for you, flop and drop shoulders	their breathlessness and to relax their shoulders.

4iii*	Exercises: use the breathing exercises to help	Patient is encouraged to do a breathing exercise (e.g.
	control your breathing	rectangle breathing, pursed lip breathing).
4iv*	Airflow: use the fan as you've been shown	Paramedic introduces the fan, saying why and how it is
		used. Additionally, the patient was encouraged to put a
		damp cloth on their face and to open a window.
4v*	Time: take your time, nice and slow	Paramedic continues to help the patient take their time
		and relax.
4vi*	Help with fears and worries: use your action	Worries are addressed with reference to the action plan.
	plan	Patient and carer are encouraged to try this process and
		follow the action plan in future times of increased
		breathlessness.
4vii*	Education: read the booklet for practical ways	Paramedic recommends that the patient and carer read
	to help you manage your breathlessness	the information booklet at a later point in time.
5	Who provided: For each category of	Paramedics are trained in the BREATHE intervention. The
	intervention provider (for example,	training is given in a group session by paramedics and a
	psychologist, nursing assistant), describe their	clinician experienced in breathlessness management.
	expertise, background and any specific	
	training given	
6	How: Describe the modes of delivery (such as	In person at call-out individually to the patient (and carer if
	face to face or by some other mechanism,	present).
	such as internet or telephone) of the	
	intervention and whether it was	
	provided individually or in a group	
7	Where: Describe the type(s) of	In the patient's home.
	location(s) where the intervention occurred,	
	including any necessary infrastructure or	
	relevant features	
8	When and how much: Describe the number of	The intervention is provided once at call-out, the duration
	times the intervention was delivered and over	needed was determined by the paramedic in each case.
	what period of time including the number of	
	sessions, their schedule, and their duration,	
	intensity or dose	
9	Tailoring: If the intervention was	The intervention can be tailored to use specific breathing
	planned to be personalised, titrated or	exercises or positions that the patient may already have a
	adapted, then describe what, why, when, and	preference for.
	how	
10	Modifications: If the intervention was modified	The intervention was modified during the pandemic so
	during the course of the study, describe the	that no direct contact was made with the patient and the
	changes (what, why, when, and how)	fan was provided for their use later, rather than in the
1		presence of the paramedic. This change was made due to

the need for infection control.	
11 How well (planned): If intervention adherence   Adherence and fidelity were assessed	d by paramedic self-
or fidelity was assessed, describe how and by report of which elements of the inte	
whom, and if any strategies were used to with each patient.	
maintain or improve fidelity, describe them	
	as planned but had
	•
adherence or fidelity was assessed, describe to be adapted for infection control	
the extent to which the intervention was call-out in which the intervention was	as used paramedics
delivered as planned recorded which parts of the intervention	on they had used. All
parts were consistently used with	the modifications
described below.	
The intervention was planned to incl	ude the paramedics
touching the patients to provide reas	ssurance and aiding
with relaxing the shoulders, but no t	touch was provided.
Instead the paramedics relied on the	eir voices to make a
reassuring presence. Originally the i	ntervention included
the patient using the fan simultaneou	usly with adopting a
suitable position and doing breathing	exercises, however
these components were introduced w	ithout the fan at call-
out and then the paramedic described	how the fan should
be used in future once their breathless	sness had settled.
Paramedics reported going over the	e leaflet and action
plan with the patient and carer to	
However, they reported having very li	_
the information booklet and so it was	
patient without a detailed introduction.	•
The intervention was found to be	·
modified form to paramedics, patients	and carers.