

Table S1: Barriers and Facilitators to practicing in accordance with the TSANZ Guideline

Questions (Domain)	Strongly Disagree/Disagree (%)	Neither agree nor disagree (%)	Strongly agree/agree (%)	Number of responses to question	Strongly Disagree/Disagree (%)	Neither agree nor disagree (%)	Strongly agree/agree (%)	Number of responses to question	Strongly Disagree/Disagree (%)	Neither agree nor disagree (%)	Strongly agree/agree (%)	Number of responses to question	Strongly Disagree/Disagree (%)	Neither agree nor disagree (%)	Strongly agree/agree (%)	Number of responses to question	Strongly Disagree/Disagree (%)	Neither agree nor disagree (%)	Strongly agree/agree (%)	Number of responses to question
BARRIERS	ALL CLINICIANS				PARAMEDIC				NURSE				DOCTOR				PHYSIOTHERAPIST			
It is difficult to provide EBC when the equipment needed is not available (Context)	12	11	77	102	0	14	86	7	12	12	77	52	12	12	76	33	20	0	80	10
It is difficult to provide EBC to patients because it is difficult to get doctors to consistently and accurately prescribe oxygen therapy (Care Provider)	10	16	74	100	14	29	57	7	6	13	81	52	6	16	77	31	40	20	40	10
It is difficult to provide EBC to patients because oxygen is not considered or treated with the same care as other drugs (Care Provider)	20	16	64	100	43	14	43	7	17	10	73	52	10	23	68	31	50	30	20	10
If there are not enough supportive staff, it is difficult to provide EBC (Care provider)	29	16	55	100	29	14	57	7	27	15	58	52	26	19	55	31	50	10	40	10
It is difficult to provide EBC to patients because nurses do not administer or monitor oxygen with enough care (Care Provider)	28	17	55	100	43	29	29	7	27	15	58	52	13	16	71	31	70	20	10	10
I did not read or remember the guideline (Care provider)	41	13	46	105	0	14	86	7	45	20	35	55	42	6	52	33	40	10	50	10
I wish to know more about the TSANZ guideline before I decide to apply it (Care Provider)	31	24	45	106	14	14	71	7	24	27	49	55	41	24	35	34	50	10	40	10
It is difficult to provide EBC to patients who do not know what their diagnosis is (Patient)	40	15	44	99	14	14	71	7	37	16	47	51	52	16	32	31	40	10	50	10

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FACILITATORS	ALL CLINICIANS				PARAMEDIC				NURSE				DOCTOR				PHYSIOTHERAPIST			
I have a general resistance to working according to protocols (Care Provider)	84	9	7	102	71	14	14	7	91	6	4	53	75	13	13	32	90	10	0	10
I have difficulty in changing my old routines (Care Provider)	81	11	8	105	57	29	14	7	94	6	0	54	65	15	21	34	80	20	0	10
It is difficult to provide EBC to patients because an SpO ₂ level of 92% is too low for most patients (Care Provider)	77	13	10	99	43	29	29	7	71	18	12	51	87	6	6	31	100	0	0	10
It is difficult to provide EBC to patients because this differs with basic concepts taught during my training (Care Provider)	76	20	4	98	71	14	14	7	70	26	4	50	84	13	3	31	80	20	0	10
It is difficult to provide EBC because I am not sufficiently trained (Care Provider)	72	13	15	100	43	29	29	7	75	16	10	51	75	9	16	32	70	0	30	10
The TSANZ guideline is not a good starting point for my self-study ^a (Innovation)	71	27	2	106	57	43	0	7	78	20	2	55	65	32	3	34	60	40	0	10
It is difficult to provide EBC because I have not been involved in setting up the practice change (Care Provider)	69	19	12	101	71	29	0	7	77	10	13	52	50	38	13	32	90	0	10	10
The TSANZ guideline does not fit into my ways of working in practice (Innovation)	59	40	1	101	43	57	0	7	58	40	2	52	63	38	0	32	70	30	0	10
It is difficult to provide EBC to patients who are acutely SOB who appear to need more oxygen than the guideline recommends (Care Provider)	56	22	22	100	14	29	57	7	60	17	23	52	58	23	19	31	60	40	0	10
Working with the TSANZ guideline is too time consuming (Innovation)	51	46	3	101	29	57	14	7	54	46	0	52	44	50	6	32	80	20	0	10
I think parts of the guideline are incorrect (Care Provider)	50	49	1	102	0	100	0	7	51	47	2	53	56	44	0	32	60	40	0	10
It is difficult to provide EBC to patients who have not had an Arterial Blood Gas taken (Context)	44	13	43	100	29	29	43	7	40	13	46	52	55	6	39	31	40	20	40	10

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The TSANZ guideline leave enough room to consider patient wishes (Innovation)	13	67	19	104	0	86	14	7	19	65	17	54	9	64	27	33	10	80	10	10
Managers/directors do not co-operate in applying the TSANZ guideline (Care provider)	19	59	22	100	14	57	29	7	21	58	21	52	13	63	25	32	33	56	11	9
The TSANZ guideline leave enough room for me to make my own decisions (Innovation)	16	51	32	105	0	86	14	7	22	51	27	55	12	45	42	33	10	50	40	10
Organisational protocols do not allow me to apply the TSANZ guideline (Context)	29	48	23	102	14	57	29	7	28	47	25	53	25	50	25	32	60	40	0	10
Patients do not comply in applying the TSANZ guideline (Patient)	36	48	17	101	14	57	29	7	38	46	15	52	31	47	22	32	50	50	0	10
Fellow clinicians do not apply the TSANZ guideline (Care provider)	15	45	40	102	57	0	43	7	17	41	43	54	13	45	42	31	20	60	20	10

Note: The reported percentages are rounded to whole numbers; ^aThe positive phrasing of this statement has been reversed for consistency in presentation

Abbreviations: EBC, Evidenced-based care; SOB, Short of breath; TSANZ, Thoracic Society of Australia & New Zealand