SUPPLEMENTARY FILE

Supplementary File 1. Characteristics of the study participants in the validity and reliability test(n= 200)

No	The characteristics	Number
1	Female (number, %)	175 (87.50)
2	Marital status (number, %)	
	Single	65 (32.50)
	Married	129 (64.50)
	Widow/ widower	6 (3.0)
3	Type of the professional background (number, %)	
	Pharmacy technicians	49 (24.50)
	Pharmacist	151 (75.50)
4	Educational level (number, %)	
	Senior high school or equivalent	4 (2)
	Diploma	28 (14)
	Bachelor	15 (70.50)
	Pharmacist	141 (70.50)
	Master	12 (6)
	Doctor	0
5	Type of pharmacy (number, %)	
	Chain pharmacy	35 (17.50)
	Independent pharmacy	165 (82.50)
6	The number of practice place (number, %)	
	One pharmacy	173 (86.50)
	Two pharmacies	20 (10)
	Three pharmacies	3 (1.50)
	More than three pharmacies	4 (2)
7	Providing drug consultation services (number, %)	30 (15)
8	Experiencing in TB training (number, %)	
	Never	93 (46.50)
	More than two years ago	47 (23.50)
	One- two years ago	33 (16.50)
	Six months - one year ago	23 (11.50)
	Less than six months ago	4 (2)

Supplementary File 2. Item correlation with Pearson test (n= 200)

Domain	Items	Coefficient validity (r)	p-value
Knowledge	K1	0.439	0.00
	K2	0.422	0.00
	K3	0.149	0.04
	K4	0.172	0.02
	K5	0.241	0.00
	K6	0.166	0.02
	K7	0.611	0.00
	K8	0.385	0.00
	K9	0.441	0.00
	K10	0.259	0.00
	K11	0.332	0.00
	K12	0.298	0.00
	K13	0.530	0.00
	K14	0.585	0.00
	K15	0.364	0.00
	K16	0.512	0.00
	K17	0.463	0.00
Attitude	A1	0.715	0.00
	A2	0.793	0.00
	A3	0.661	0.00
	A4	0.720	0.00
Practice	P1	0.845	0.00
	P2	0.884	0.00
	P3	0.795	0.00

Supplementary File 3. Reliability test of the items (n= 200)

Domain	Cronbach's Alpha
Knowledge	0.63
Attitude	0.69
Practice	0.79

Information: *Reliable if the Cronbach's alpha is more than 0.60

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Supplementary File 4. The multivariable linear regression analysis for factors associated with knowledge, attitude and practice of TBPD (n=1,125).

No	Variables	Knowledge*				Attitude**				Practice***			
		B	*p*-value	95% CI		B	*p*-value	95% CI		B	*p*-value	95% CI	
				Min.	Max.			Min.	Max.			Min.	Max.
1	Male gender[¥$]	-0.31	0.22	-0.81	0.18	0.68	0.00	0.26	1.09	0.41	.039	0.02	0.80
2	Age	0.07	0.00	0.03	0.10	0.01	0.47	-0.02	0.04	-0.02	.205	-0.05	0.01
3	Married status[€]	-0.22	0.36	-0.69	0.25	0.18	0.37	-0.22	0.58	0.25	.186	-0.12	0.63
4	Pharmacist	2.15	0.00	1.68	2.63	0.12	0.56	-0.29	0.54	-0.17	.385	-0.56	0.22
5	Chain pharmacy[¶]	0.48	0.06	-0.03	0.99	-0.64	0.00	-1.07	-0.21	0.29	.166	-0.12	0.69
6	Working experience	-0.01	0.66	-0.05	0.03	-0.03	0.10	-0.07	0.01	0.02	.256	-0.02	0.06
7	Working hour per week	-0.00	0.84	-0.01	0.01	-0.01	0.26	-0.02	0.00	-0.16	.001	-0.03	-0.01
8	Providing drug consultation services[#]	-0.16	0.59	-0.73	0.42	0.91	0.00	0.43	1.40	0.68	.003	0.23	1.14
9	Experiencing TB training	0.65	0.00	0.25	1.04	0.84	0.00	0.51	1.16	0.83	.000	0.52	1.15
10	Two practice locations[£]	-0.60	0.19	-1.33	0.13	0.16	0.61	-0.46	0.78	0.30	.319	-0.29	0.87
11	Three or more practice locations[£]	-0.48	0.31	-1.40	0.45	-0.10	0.81	-0.87	0.68	0.13	.738	-0.61	0.86
12	County of Bandung' site[‡]	-1.04	0.00	-1.63	-0.45	0.93	0.00	0.44	1.43	-0.52	.031	-0.99	-0.05
13	City of Makassar' site[‡]	-1.13	0.00	-1.70	-0.55	0.51	0.04	0.02	0.99	0.06	.785	-0.40	0.52
14	City of Medan' site[‡]	-0.47	0.11	-1.06	0.11	0.21	0.40	-0.28	0.71	-0.17	.482	-0.63	0.30
15	TB knowledge	n.a	n.a	n.a	n.a	0.07	0.00	0.02	0.12	0.02	.363	-0.03	0.07
16	Positive attitude in TB case detection	0.10	0.00	0.03	0.17	n.a	n.a	n.a	n.a	0.34	.000	0.29	0.40
17	Availability of medical doctor practice	0.31	0.15	-0.11	0.72	0.02	0.91	-0.33	0.37	0.22	.184	-0.11	0.55

Information: $*R^2= 0.18$; $**R^2= 0.09$; $***R^2= 0,2$; B= Beta coefficient; CI: confidence interval; Min: Minimum; Max: maximum; n.a: not applicable; The reference group= [¥]Female, [€]unmarried status, [$]assistant pharmacist, [¶]Singlepharmacy, [#]No drug consultation service, [£]one practice location, [‡]City of Bandung location; red colour: p-value < 0.05

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Supplementary File 5. The multivariable logistic regression for sub-group analysis of the characteristics male gender among the participants (n= 1,125)

Variables	p-value	Odds ratio	95% CI	
			Min.	Max.
Participant characteristics				
Married status$^\epsilon$	0.13	0.75	0.51	1.09
Age*	0.00	1.05	1.02	1.08
Professional characteristics				
Pharmacist$^\$$	0.34	1.21	0.82	1.79
Chain Pharmacist¶	0.11	1.39	0.93	2.08
Working experience	0.91	1.00	0.97	1.03
Providing drug information service[#]*	0.02	1.68	1.10	2.56
Availability of medical doctor practice	0.51	1.12	0.80	1.55
Experience in TB training	0.71	0.94	0.69	1.29
Working hours per week	0.34	1.00	0.99	1.02
Two practice locations$^£$	0.21	1.40	0.83	2.37
Three practice locations$^£$	0.76	0.89	0.42	1.88
Study Sites				
County of Bandung‡	0.10	1.47	0.93	2.33
Makassar‡	0.53	0.86	0.54	1.37
Medan‡	0.61	0.88	0.54	1.43
Knowledge and Attitude on TBPD				
Knowledge	0.24	0.97	0.93	1.02
Attitude*	0.00	1.10	1.04	1.16

Information: * The significant variable (p<0.05); Reference group= = $^\epsilon$unmarried status, $^\$$pharmacy technician, ¶Single pharmacy, [#]No drug consultation service, $^£$one practice location, ‡City of Bandung location; CI: Confidence Interval; red colour: p-value < 0.05