Supplementary materials for:

Zhong X, Wang Z, Fisher EB, Tanasugarn C. Peer Support for Diabetes Management in Primary Care and Community Settings in Anhui Province, China. *Ann Fam Med.* 2015;13:(Suppl 1)S50-S58. doi: 10.1370/afm.1799.

Supplemental Appendix 1. Means (SD) of Participants on Study Variables in PLSP Intervention and Control Conditions at Baseline

			p Values for Comparisons				
Variable	PLSP (n = 365)	Control (n = 361)	PLSP vs Control	Communities 1, 2 and 3	Interaction: Intervention X Community		
Age	63.00 (9.42)	63.52 (8.78)	.431	.854	.007		
Education	1.86 (.92)	1.72 (.88)	.029	.119	.056		
Income	2.11 (.81)	1.84 (.72)	.000	.006	.000		
Knowledge	5.48 (2.67)	7.20 (2.60)	.000	.000	.000		
Attitudes	29.79 (5.63)	29.24 (4.93)	.076	.000	.009		
Self-efficacy	34.79 (4.73)	33.99 (5.45)	.015	.000	.000		
Social support	30.57 (6.93)	29.01 (5.92)	.001	.000	.157		
Diet	19.29 (2.29)	19.04 (2.14)	.116	.000	.190		
Physical activity	9.32 (3.37)	9.00 (2.53)	.099	.000	.000		
Glucose monitoring	4.02 (1.67)	4.58 (1.54)	.000	.004	.000		
Medication adherence	4.19 (1.60)	4.35 (1.56)	.161	.078	.070		
BMI (kg/m ²)	24.13 (3.25)	24.09 (3.25)	.945	.000	.103		
SBP	135.72 (14.29)	133.61 (15.29)	.055	.001	.000		
DBP	83.19 (8.83)	80.92 (9.56)	.001	.000	.000		
Fasting glucose (mmol/L)	8.07 (3.76)	6.70 (1.72)	.000	.000	.261		
Fasting glucose (mg/dl) ^a	145.41	120.72					
2-Hour post- prand glucose (mmol/L)	11.75 (3.98)	10.48 (2.32)	.000	.002	.007		
2-Hour post- prand glucose (mg/dl) ^a	211.71	188.83					

Education: 1 = primary school, 2 = completed junior high school, 3 = completed high school/vocational/technical secondary school, 4 = completed junior college, bachelor degree or above **Income**: during previous year, average monthly income of your family: 1 = under \neq 999, 2 = \neq 1000 - \neq 1999, 3 = \neq 2000- \neq 4999, 4 = more than \neq 5000, 5 = "don't know" recoded as sample mean. **Description of Self-Report Measures**

Knowledge: Total of 12 items, 4 – glucose; 3 – diabetic complications; 2 – diet; and 3 –insulin. Correct responses received one point and incorrect answers or "don't know/unsure" received zero. Possible range of knowledge scores was 0 to 12. High scores indicate greater knowledge.

Attitudes toward self-management 9 items scored 1 to 5 ('Strongly disagree,' ... 'Strongly Agree') with range of 9-45. High scores indicate more positive attitudes.

Self efficacy for self management 9 items scored 1 to 5 ('Strongly disagree,' ... 'Strongly Agree') with range of 9-45. High scores indicate greater self efficacy.

Perceived social support for self management 9 items scored 1 to 5 ('Never,' ... 'Always') with range of 9-45. High scores indicate greater perceived support.

Self-management: 9 items, scored 1 to 5 resulting in subscores for: diet -4 items, maximum score = 20, physical activity -2 items, maximum score = 10, glucose monitoring -2 items, maximum = 10, medication adherence -1 item, maximum = 5.30 High scores indicate greater self management practices.

^aGlucose levels in mg/dl are conversions from means expressed as mmol/L

P Values are for comparisons within GLM analyses of variables by intervention (PLSP vs control), community (communities 1 through 3), and the interaction of intervention by communities. scales are defined at bottom of table.

Supplemental Appendix 2. Means (SD) of Participants on Baseline Study Variables Comparing those Completing and Not Completing Follow-Up

Varia ble Compl Compl cting completing (n = cting (n = (n = 135) (n = (149)		PL	SP	Cor	itrol	Α	\II	p Levels		
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Column C)	40	10	100	400	465	400			
DBP 81.81 82.39 80.56 79.04 81.09 81.02 .589 .230 .368 Fastin glucos e (mmol 7.49 7.66 6.46 6.31 6.87 7.11 .943 .376 .470	SBP							.739	.232	.906
(9.61) (8.67) (10.50) (8.67) (10.13) (8.81) Fastin g (2.57) 7.66 (2.12) 6.46 (3.31 (3.31) 6.87 (3.11) .943 (3.76) .470 glucos e (mmol (mmol (2.12) (1.64) (1.61) (2.12) (2.04) (2.04) (2.04)	DDD							F00	000	000
Fastin 7.49 7.66 6.46 6.31 6.87 7.11 .943 .376 .470 glucos e (mmol	אטען							.589	.∠30	.308
g (2.57) (2.12) (1.64) (1.61) (2.12) (2.04) glucos e (mmol	Factin							043	376	470
glucos e (mmol								. 94 0	.570	. 770
e (mmol		(2.07)	(2.12)	(1.54)	(1.01)	(2.12)	(2.04)			
(mmol	_									

Fastin g glucos e (mg/dl	134.96	138.02	116.40	113.69	123.79	128.11			
2- Hour post- prand glucos e (mmol /L)	11.37 (4.31)	11.56 (3.77)	10.62 (2.64)	10.37 (2.05)	10.83 (3.21)	11.07 (3.23)	.932	.499	.755
2- Hour post- prand glucos e (mg/dl	204.87	208.29	191.35	186.85	195.14	199.46			

P Values are for Comparisons within glm analyses of variables by completion status (completing, not completing), the interaction of completion status and condition (PLSP, control) and, within the PLSP condition, completion status. Scales are defined in Supplemental Table 1.

**Glucose levels in mg/dl are conversions from means expressed as mmol/L.