



THE WORLD BANK



**Evaluating Impact:
Turning Promises into Evidence**
Impact evaluation for
community level
hypertension management

Group 2

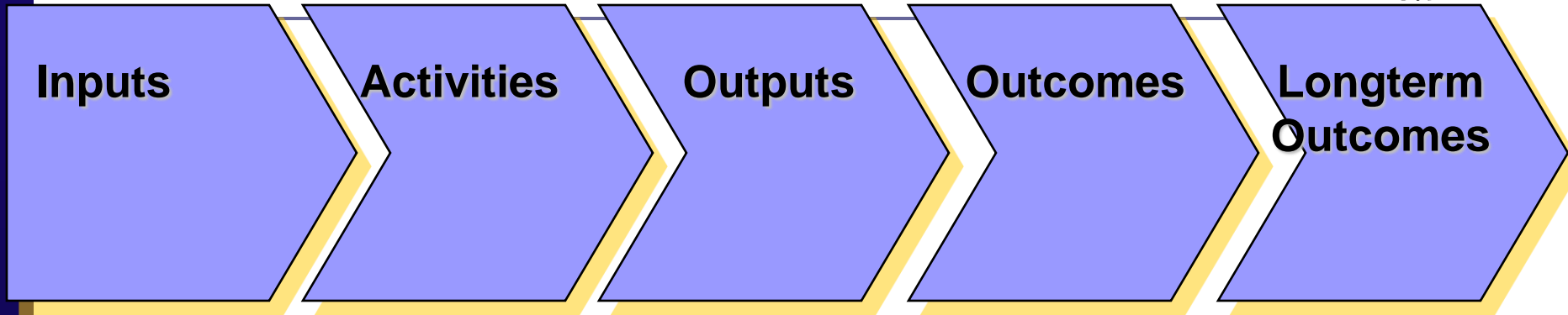
Beijing, China

July 2009

1. Background

- ❑ Hypertension is one of the most common chronic disease
- ❑ Common: Some research shows that there are about 200 millions people with Hypertension in China
- ❑ High burden: half of annual income in urban and 1.5 times annual income in rural area
- ❑ It is good to do the intervention from community level since it is common

2. Results Chain



- Finance
- labor

- Write the guidelines for hypertension management
- Training for community doctors
- Community level education for patients

- Document of guidelines
- Completion of training
- Completion of education

- Percentage of patients managed
- Control rate of hypertension
- Increasing knowledge of hypertension
- Increasing good habit for health

- Improve life quality
- Improve health
- Reduce disease related to hypertension

3. Primary Research Questions

- Does training for community doctors and education for hypertension patient have an impact on hypertension patient care, hypertension control and the hypertension knowledge of hypertension patient?

4. Outcome Indicators

- Documentation rate, visit rate and treatment rate of hypertension patient
- Hypertension knowledge of hypertension patient
- Good habit of hypertension
- Control rate of hypertension

5. Identification Strategy/Method

- Randomization design
- Difference-in-difference

策略一

- 社区规模
- 社区经济水平
-

pilot

urban

rural

traini
ng

motiva
tion

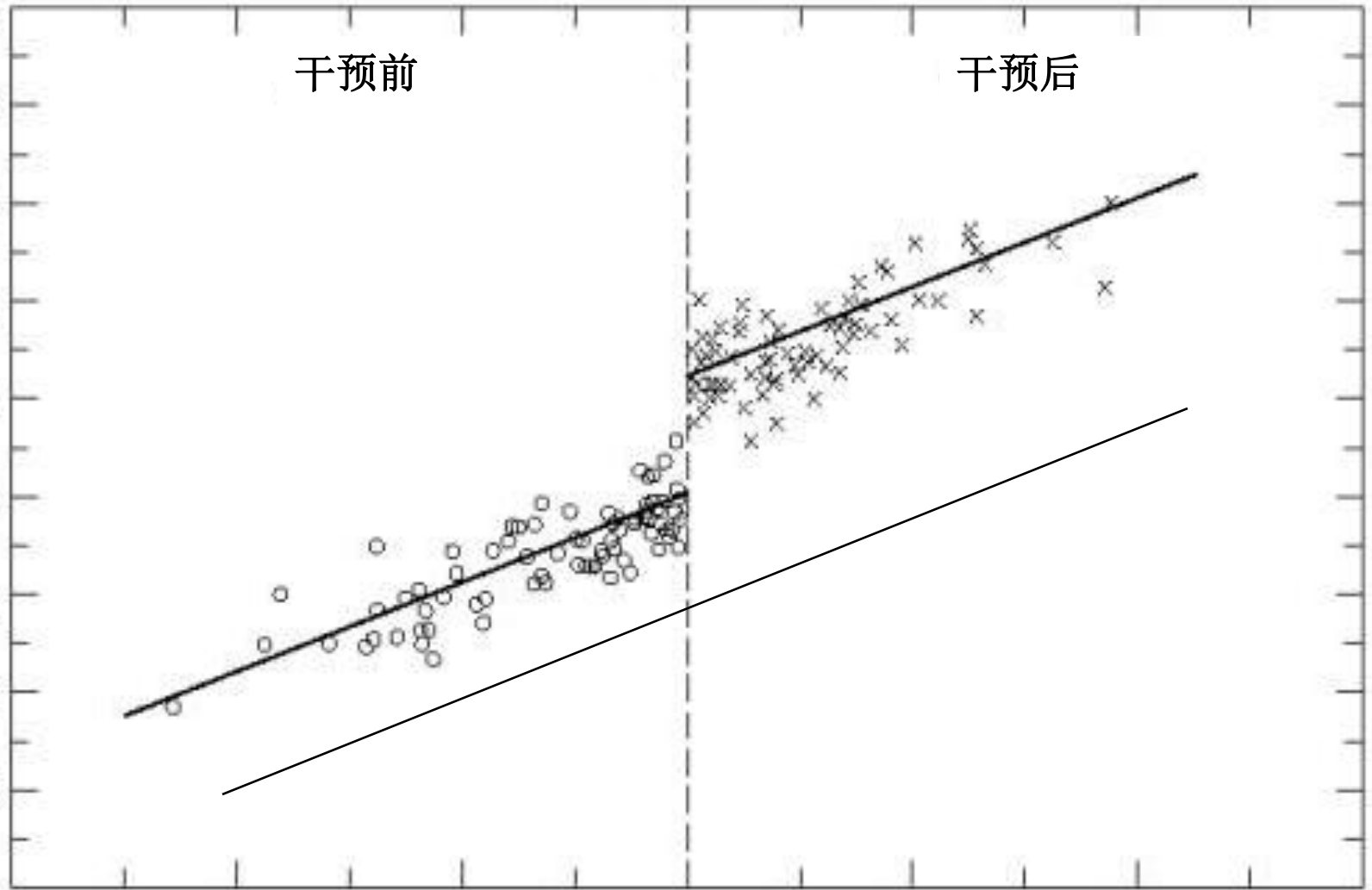
treated	treated	untreat ed	untreat ed
treated	untreat ed	treated	untreat ed
组1	组 2	组 3	组 4

treated	treated	untreat ed	untreat ed
treated	untreat ed	treated	untre ated
组1	组 2	组 3	组 4

策略二



高血压病人血压控制率



6. Sample and data

- Sample:

All hypertension patients (everyone should have documentation)

- Data:

- Community level documentation

Documentation rate, visit rate and treatment rate, Control rate of hypertension

- Survey

Hypertension knowledge, habit of hypertension,

7. Time Frame/Work Plan

	Project preparation	Write the guidelines for hypertension management	Training	Education	Patient daily monitor	Follow up survey	Data analysis
2009.8.20-8.31							
2009.1-9.30							
2009.10.1-10.15							
2009.10.15 - 2009.11.15							
2009.11.15 - 2010.6.30							
2010.7.1-2010.8.31							
2010.9.1-2010.12.31							

8. Sources of Financing

- Government spending in different level of government