



Case Study

Prevention of HIV Transmission Between Discordant Couples

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Background

- 1990-1994, HIV epidemic from paid plasma donation.
- Plasma donation was stopped.
- HIV transmission between discordant couples became a major problem.
- Reported the problem to the Bureau of Public Health (BOPH) and got a rapidly positive response.
- Conducted a pilot study to explore the control strategies.
- Recommended the control strategies to BOPH and began to develop a policy on this issue.



Q1. For what and for whom?

1. What did the research aim to achieve?

Reduce the HIV transmission between HIV discordant couples.

Decrease the incidence rate of HIV in the communities

2. Who was intended to benefit?

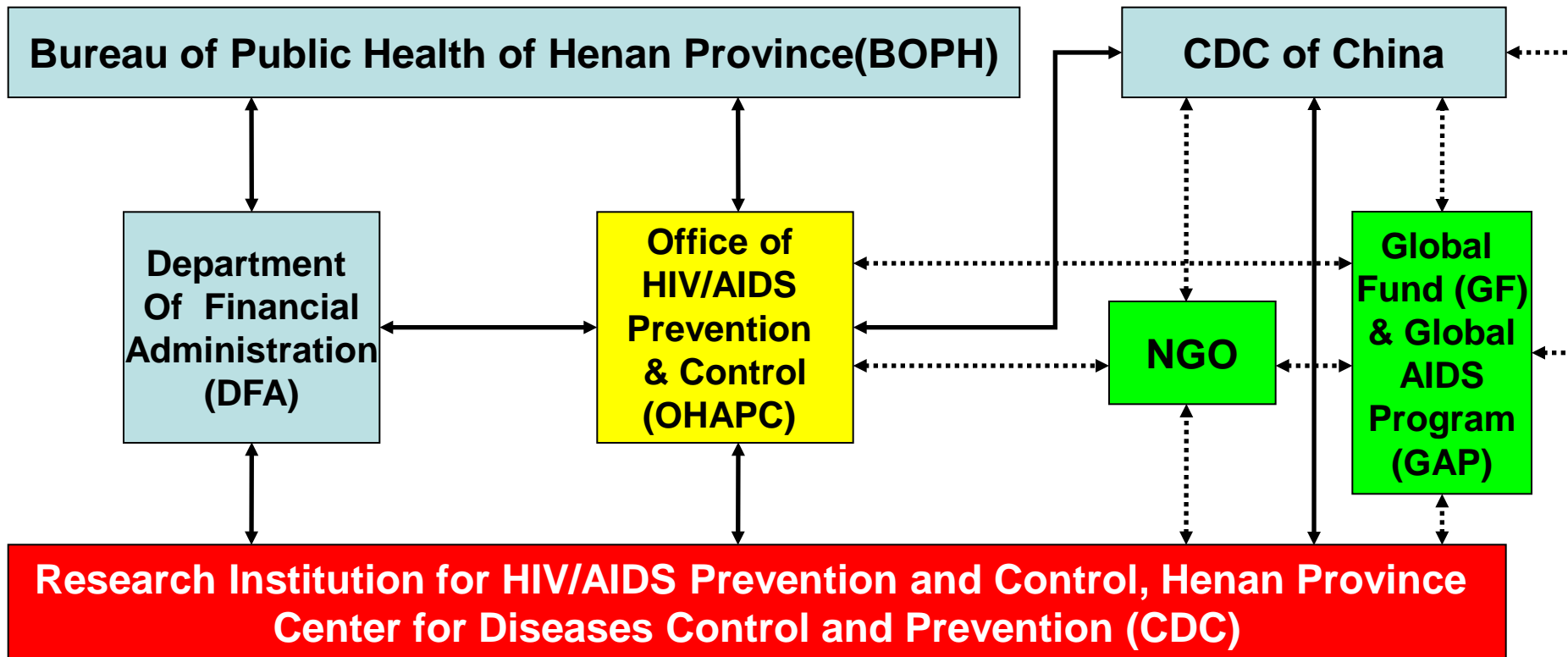
- ✓ The HIV-negative spouse of the HIV discordant couples
- ✓ The Community
- ✓ The Government



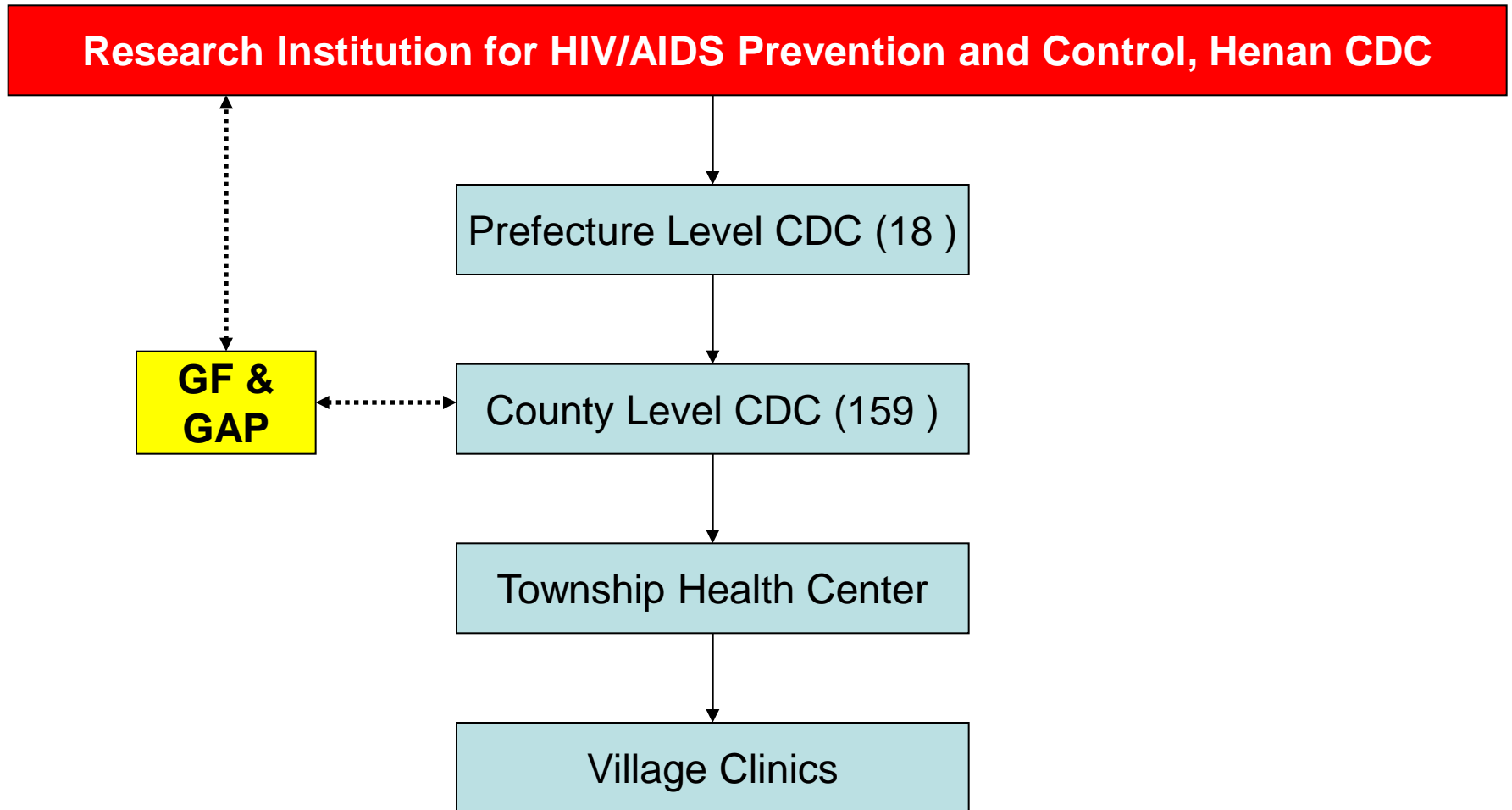
- **Q2: Which aspects of policy and practice?**

Taking a systems view

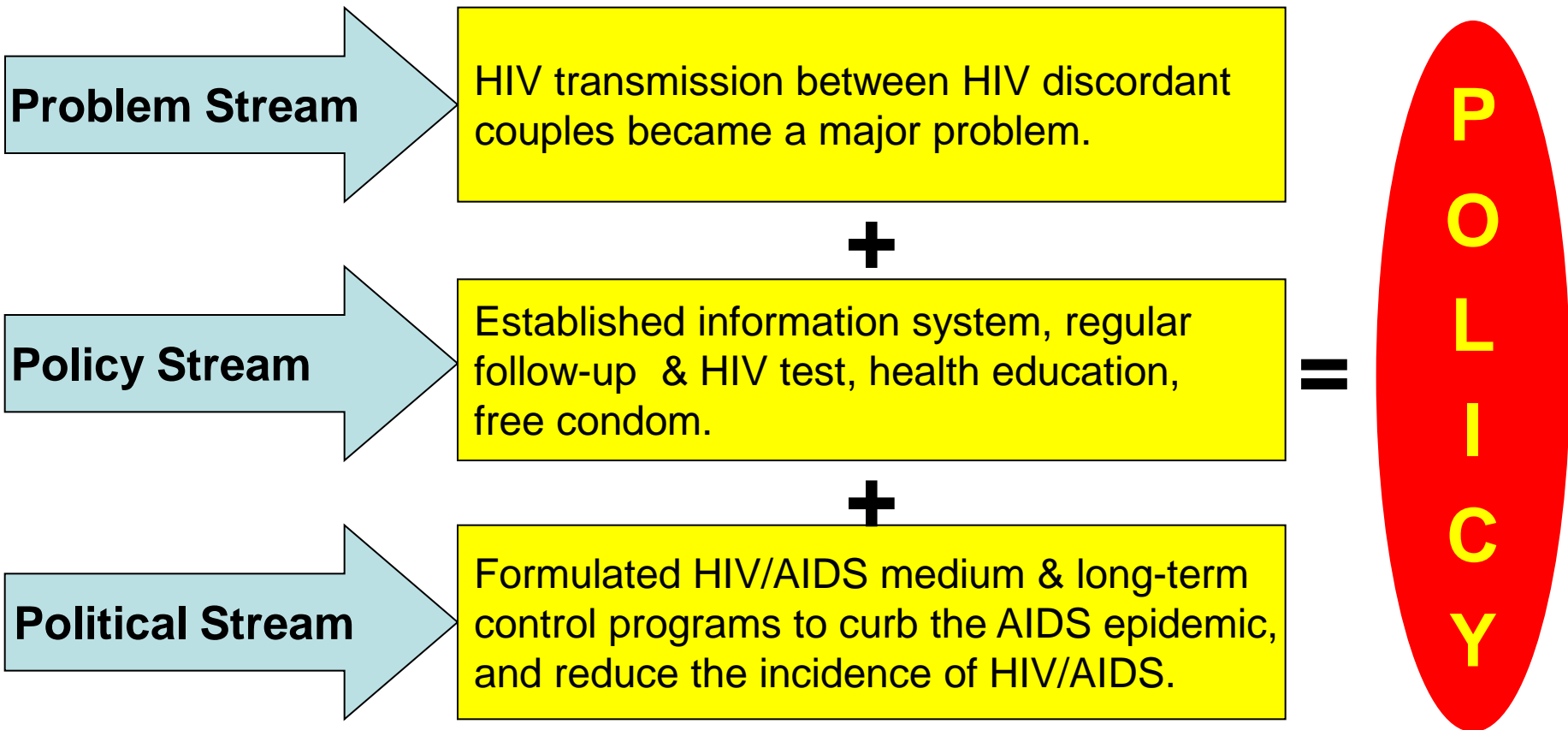
The structure of policy making organizations



The Structure of the Practice System



The Policy Model— Multiple Streams Model



Scoping

The Government and Departments:

- The Leading Committee for AIDS Prevention & Control of Henan Provincial Government.
- National CDC of China
- Bureau of Public Health of Henan Province (BOPH):
 - Office of HIV/AIDS Prevention & Control (OHAPC)
 - Department Of Medical Administration (DMA)
 - Department Of Financial Administration (DFA)

The Research Institutions & Practice System:

- Universities
- Other research institutions
- CDC system
- Township & village health facilities

Others:

- GF, GAP
- The media (TV, newspaper, etc.)
- NGOs
- Communities
- PLWHA

Boundary Setting

The Departments of Government :

- Bureau of Public Health of Henan Province (BOPH):
 - Office of HIV/AIDS Prevention & Control (OHAPC)
 - Department Of Financial Administration (DFA)
- National CDC of China

The Research Institutions & Practice System:

- CDC system
- Township & village health facilities

Others:

- GF, GAP
- NGOs
- PLWHA

Framing

- Patients
- Victims
- Weaker
- Orphan
- **Sinner**
- **Evil**



Taking values into account

Treatment and relief of AIDS patients and reducing the spread of HIV is the responsibility of the whole society.

Harnessing and managing differences

- **Harness good difference:**
 - Provincial BOPH pay a great deal of attention to the prevention and treatment of AIDS.
 - We had a good relationship with OHAPC
 - Have a comprehensive diseases prevention and control system, and keep a good relationship.
- **Manage bad difference:**
 - Need to coordinate with department of financial administration.
 - Need to coordinate with NGO.



Q3. How was integrated research support provided, by whom and when?

1. How did the research contribute to policy development and policy change?

- **Communication:** Reported the information to:
 - The office of HIV/AIDS prevention and control (OHAPC)
 - Chinese national CDC
 - International organizations (GF, GAP)
 - NGOs
- **Engagement:** often discussed with the director of OHAPC, invited the leader of BOPH to participate in activities, etc.



Table 9 Sex transmission between discordant couples

Group	No. of subjects	No. of cases/ person-YR	Incidence/ 100 person-YR
All subjects	971	23/3376	0.68
Sex of HIV positive partner			
Male	494	13/1696	0.77
Female	477	10/1680	0.60

$\chi^2=0.366$ $P=0.545$

中美艾滋病防治合作 FY 2009 Annual Meeting for China-

贵州·贵阳
Guiyang, Guizhou Pr

主办单位 Sponsors: 中国疾病预防控制中心
Chinese Center for Disease Control and Prevention
美国疾病预防控制中心
US Center for Disease Control and Prevention

Reported the research result on the “ Financial Year 2009 Annual Meeting For China-US Cooperation- Global AIDS Program”

艾滋病感染者/病人管理、关怀支持 Management, Care and Support of PLWHA

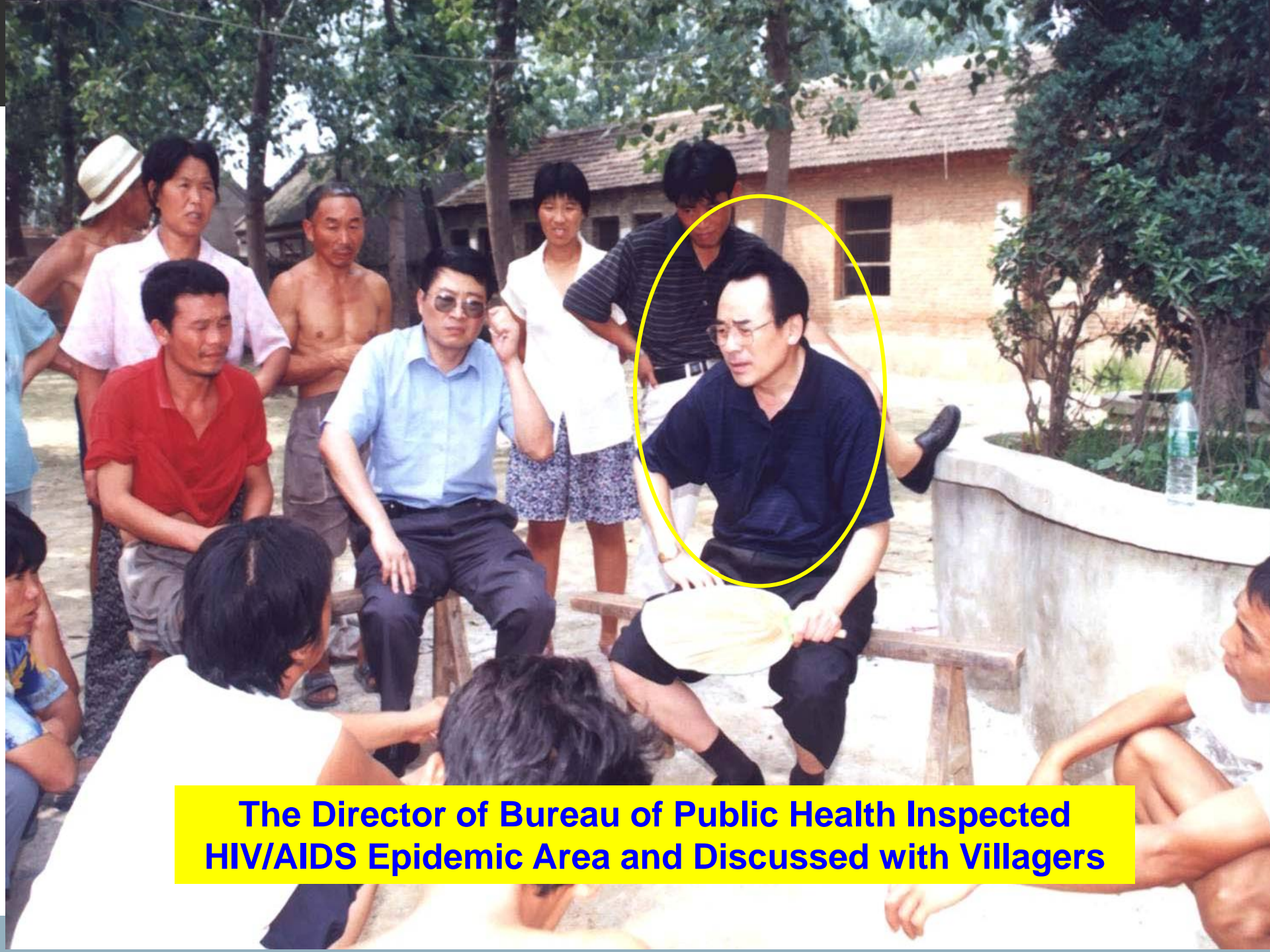


backg

- GAP项目支持的治疗关怀项目(阳谷、临淄县)
- Under the support of GAP, to Wancheng, Huaiyang, Linying and treatment program
- 截止2009年10月31日, 四地累计报告 HIV/AIDS 3,026例, 累计死亡 AIDS 1,937
- By the end of October, 2009, HIV/AIDS reported in four counties is 3,026, the cumulative AIDS is 1,937
- 四地累计接受抗病毒治疗人数为2,803人, 累计参加机会性感染治疗2,803人
- The cumulative number of 2,803 patients have received treatment, people have been treated 2,803



Had a speech on how to manage the HIV discordant couples at the 5th Conference of International Cooperation Programmes on HIV/AIDS in Shanghai of China, 2008.



The Director of Bureau of Public Health Inspected HIV/AIDS Epidemic Area and Discussed with Villagers

2. Who in the research team provided the support for policy development and change?

- I served as a member of Henan Province HIV/AIDS experts advisory committee
 - Directly reported the information to the OHAPC
 - Discussed how to solve this problem
 - Participated in the process of drafting the policy
- In some important occasions, our CDC director reported the information to the senior leaders and participated in the process of policy making.



Dec 1, 2009, World AIDS day, the Director of Henan CDC Reported the Progress of the HIV Sexual Transmission Control to the Highest Governor of Henan province

3. When was the research used to influence policy development or policy change?

Throughout the research project :

- Recognized the problem
- Established pilot to observe the effect of control
- Proposed policy development
- Participated in the decision-making process



Q4. What circumstances influenced providing integrated research support for policy and/or practice change? (Context)?

1. Overall context

- HIV epidemic was severe in Henan province.
- The province government attached great importance to the HIV/AIDS control and prevention.
- Have taken many effective measures to curb the spread of AIDS in Henan.
- A complete CDC system, ensure our research can be carried out successfully and the measures can be implemented smoothly.

2. Authorization

- The OHAPC gave our research institution authority and provided the research input to policy change.
- We also got the financial and technical support from
 - Global Fund (GF)
 - Global AIDS Program (GAP)
 - China national CDC

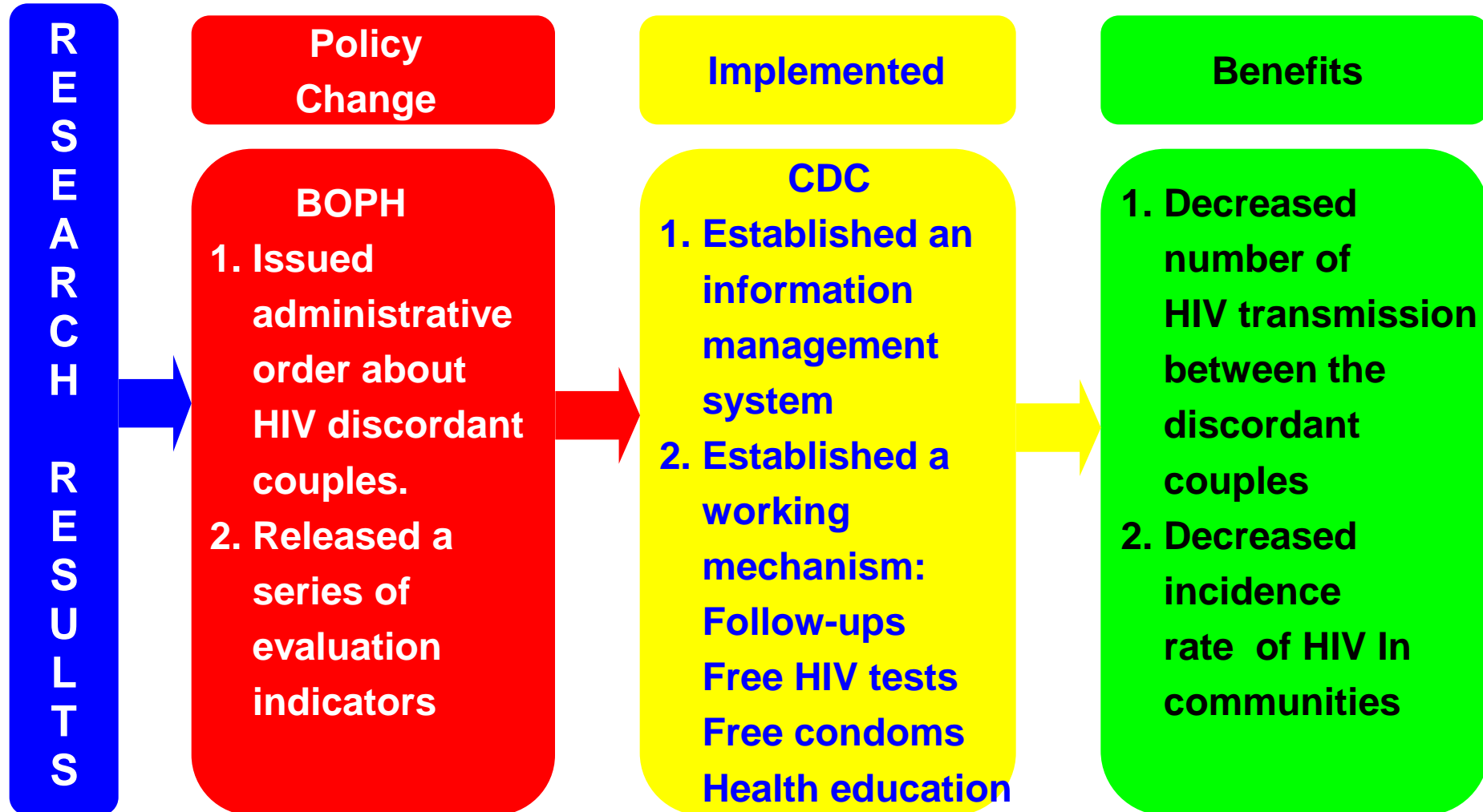
3. Organizational facilitators and barriers

- In our institution, we have:
 - Strong technical force
 - Adequate funding
 - Good support net & environment
 - Good relationship with OHAPC
 - Good cooperation relationship with GF & GAP
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- But, need to coordinate with NGO, they argued that telling the HIV status to other spouse is invasion of privacy.



Q5. Outcome?

• What were the outcomes of using research to influence policy?





Thank you !