

# Youth in Action: Party Building Empowering High-Quality Development of the Communist Youth League in Infectious Disease Hospitals — A New Practice

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## Abstract

Under the strategic framework of China's high-quality public health development, Nanning Fourth People's Hospital has pioneered a Party-guided Communist Youth League (CYL) model in infectious disease healthcare, demonstrating innovative organizational synergy and youth-driven impact. The hospital's CYL committee established a tripartite development system—ideological anchoring, organizational optimization, and professional enablement—achieving transformative outcomes: a 210% increase in youth mobilization efficiency (2022–2024), 98% theoretical engagement via dual-track ideological education (“Party branch mentorship + youth lecture teams”), and recognition of clinical units as National/Provincial Youth Civilization Collectives. Breakthroughs in HIV/AIDS immunotherapy and multi-drug resistant tuberculosis management were realized through youth-led innovation. During COVID-19, 432 young clinicians under Party leadership achieved a 25% reduction in ICU mortality through standardized protocols while maintaining zero nosocomial infections. The “Nightingale” volunteer-service ecosystem integrated clinical expertise with community health initiatives, delivering 50,000+ beneficiary engagements. Future roadmaps prioritize AI-driven diagnostics, telemedicine networks, and a mentorship-based talent pipeline to strengthen grassroots infectious disease control. This practice validates the multiplier effect of Party-CYL collaboration in healthcare modernization, offering an exemplary model for aligning youth mobilization with the “Healthy China” strategy through socially accountable medical leadership.

**Keywords:** Communist Youth League, Party-building synergy, infectious disease healthcare, high-quality development, medical volunteerism

## 1. Introduction

Under the backdrop of high-quality development in public hospitals in the new era (National Health Commission, 2022), the Party Committee of the Fourth People's Hospital of Nanning has adhered to the principle of “Party leadership over youth,” innovatively constructing a three-dimensional Youth League development system centered on “ideological cultivation, organizational strengthening, and professional empowerment” (Chen & Li, 2020). As a core fortress for infectious disease prevention and treatment in Guangxi and Nanning, the hospital's Youth League Committee has positioned itself as the “Party's assistant and reserve force,” closely following the Party Committee's guidance. The hospital's Party Committee has earned prestigious honors, including the “National Advanced Grassroots Party Organization” and “National Advanced Collective in COVID-19 Pandemic Prevention and Control.” Under this leadership, the hospital's Youth League Committee was awarded the title of “National May Fourth Red Flag Youth League Committee.” Over the past three years (2022–2024), the Youth League's organizational mobilization efficiency increased by 210% (calculated based on youth participation in major tasks) (Wang & Zhang, 2021), achieving three groundbreaking

outcomes:

### *1.1 Systematized Ideological Guidance: Lighting the Beacon of Faith*

The hospital established a dual-driven mechanism of “Party Branch Mentorship + Youth Lecture Teams” (Central Committee of the Communist Youth League, 2020), with the Party Committee initiating the “Magnolia Fragrance Reading Club.” Over 32 sessions, full coverage of Youth League members was achieved, fostering a strong learning culture. By promoting 12 exemplary youth members who joined the Party during the pandemic, the theoretical engagement rate among youth surged from 65% to over 98%, embedding patriotism and proactive spirit into the hospital’s culture.

### *1.2 Professionalized Organizational Development: Strengthening Talent Foundations*

A grid-based structure of “Youth League Branches — Youth Shock Teams — Volunteer Service Teams” (Zheng et al., 2022) was established across 23 clinical departments. The Infectious Disease Ward 1 was recognized as a National Youth Civilization Unit, while three teams, including the ICU, earned Guangxi Youth Civilization Unit honors. This framework created a “peacetime-emergency integration” talent cultivation system, fueling cultural innovation.

### *1.3 Deepened Service Integration: Spreading Humanistic Care*

The hospital integrated its “Nightingale Volunteer Service” brand with infectious disease prevention (Huang & Zhao, 2019), launching campaigns like “Strengthening the Infectious Disease Defense Wall.” A 560-member volunteer team conducted over 50,000 community, rural, and school outreach activities. The hospital’s cultural brand “Magnolia Fragrance” and its stage drama *The Garden of Life* won the National Hospital Humanistic Management Case Award, embodying the core value of “Guarding Life.”

Practice demonstrates that Youth League reforms under Party leadership can translate into organizational momentum, professional potential, and social efficacy for public hospital development (Li et al., 2021), providing an empirical model for Party-Youth collaboration in healthcare institutions.

## **2. Party Leadership: The “Compass” of Youth League Work**

Under the steadfast guidance of the Communist Party of China (CPC), the Youth League Committee has transformed into a dynamic force in public health, channeling the vigor of young medical professionals into frontline battles against infectious diseases. By aligning ideological education with practical challenges, the Party has cultivated a generation of resilient, socially responsible healthcare leaders.

### *2.1 Cultivating Responsibility Through Party Leadership*

The Communist Youth League Committee has fostered an “Always Prepared for Emergencies” spirit among young medical workers, positioning them at the forefront of combating infectious diseases such as AIDS, tuberculosis (TB), and global outbreaks including H1N1, Ebola, and MERS. Through CPC-led training programs, young teams have mastered protocols for rapid pathogen containment and patient isolation, resulting in an 18% reduction in TB transmission rates in high-risk communities (Zheng et al., 2022).

A youth shock team of over 200 members has become the backbone of public health defense. During historical public health emergencies, all members of the Youth League have rushed to the front lines, successfully completing numerous arduous and critical missions. For HIV/AIDS prevention, young volunteers initiated the “Red Ribbon Outreach” community education campaign. Through door-to-door advocacy, public welfare activities, and lectures, they enhanced public awareness of HIV prevention and improved screening rates among high-risk populations.

### *2.2 Youth at the Forefront of Pandemic Prevention*

The COVID-19 pandemic became a critical test for the Party-League collaboration. 432 young medical workers (76% under the age of 35) braved negative pressure isolation wards and provided more than 15,000 hours of patient care. Five core members joined the national medical team deployed to the epidemic center in Wuhan to build a 200-bed intensive care unit and reduce mortality by 25% through standardized intubation protocols (Liu et al., 2023).

The pandemic also deepened ideological determination: 12 young members applied to join the Party on the front line, inspired by the Party’s “people first” mobilization. These efforts show how the Party’s leadership can transform youth potential into actionable resilience, ensuring that hospitals become bastions against current and future health threats. By combining ideological rigor with technical excellence, the CPC continues to guide youth power toward the grand vision of a “Healthy China”.

## **3. Dual-Driven “Youth Brand” and Volunteer Services: Cultural Practices for High-Quality Development**

The integration of youth-driven innovation and volunteerism has emerged as a cornerstone of high-quality

development in healthcare, fostering both professional excellence and social responsibility. By harnessing the dynamism of young professionals and synergizing it with structured volunteer frameworks, the hospital has cultivated a culture of leadership, compassion, and transformative impact.

### *3.1 Youth Responsibility in Critical Tasks*

In Infectious Disease Ward 1, young medical teams have revolutionized HIV/AIDS care through cutting-edge therapies. The adoption of allogeneic adoptive immunotherapy (AAIT) — a technique enhancing immune response by transplanting donor-derived immune cells — and advanced cardiac interventions has reduced complications in HIV-associated cardiovascular diseases, improving patient survival and quality of life. These efforts underscore the role of youth in bridging research and clinical practice.

The ICU, with an 83.3% youth staffing ratio, exemplifies youthful leadership in high-stakes environments. By pioneering multidisciplinary critical care strategies (Zhou & Wu, 2022) — integrating real-time data analytics, telemedicine, and personalized rehabilitation plans — the team elevated survival rates for sepsis and multi-organ failure cases by 22% over three years. Their agile response to emerging health crises, from COVID-19 to trauma cases, highlights the adaptability of youth-led teams.

Tuberculosis Ward 3, recognized as a regional hub, has advanced Guangxi's capacity in managing refractory TB through six proprietary technologies, including gene sequencing for drug resistance profiling and minimally invasive surgical techniques. Hosting national academic conferences annually, the ward has disseminated best practices to over 1,500 specialists, cementing its role as a knowledge-sharing platform.

### *3.2 Synergy of Volunteer and Professional Services*

The Youth League's integration of "goal-setting theory" and "team-building models" (Huang & Zhao, 2019) has transformed volunteerism into a strategic asset. By aligning public welfare objectives with staff expertise, the hospital organized 100+ annual initiatives, including large-scale blood drives (collecting 15,000+ units yearly), rural health camps serving 8,000+ low-income patients.

Recognition as a "National Nightingale Volunteer Advanced Unit" for four consecutive years reflects systemic impact. Volunteer programs now embed clinical skills into community outreach — for instance, training nurses in trauma counseling for disaster response. Such initiatives not only address health inequities but also nurture empathy among young professionals, creating a virtuous cycle of service and growth.

Collectively, these efforts demonstrate how youth empowerment and volunteerism drive high-quality development: blending technical excellence with ethical commitment to redefine healthcare's societal role. By prioritizing innovation, collaboration, and compassion, the hospital models a replicable blueprint for sustainable progress in global health systems.

## **4. Innovative Practices and Achievements Under Party Leadership**

Under the strategic guidance of the Communist Party of China (CPC), the hospital has pioneered a dual focus on nurturing youth talent and enhancing service quality, positioning itself as a national model for integrating Party leadership with medical innovation. These efforts align with the CPC's vision of "Healthy China," fostering a culture of excellence, accountability, and patient-centered care.

### *4.1 Pathways for Youth Medical Talent Growth*

#### *4.1.1 Growth Path for Young Medical Talents*

The Party Committee has established a comprehensive talent training system and organizes 36 educational activities each year to cultivate clinical professional skills, leadership and ideological literacy. For example, interdisciplinary speech competitions on topics such as "Artificial Intelligence in Diagnosis" are held. These platforms enable young professionals to hone their problem-solving skills while internalizing the core socialist values.

### *4.2 Elevating Service Quality Through Youth Civilization Units*

The hospital's Youth Civilization Units (YCU), recognized at national, provincial, and municipal levels (Li et al., 2021), exemplify the synergy between Party directives and grassroots innovation. Infectious Disease Ward 1, designated a National YCU in 2022, exemplifies this synergy. Under the leadership of Du Liquan, a recipient of the "Nightingale Medal" (Du et al., 2023), the ward ranked 20th nationally in service influence by integrating clinical excellence with humanitarian care.

Du's team pioneered the "Love Circle" quality improvement project, a patient-centric initiative that reduced average HIV consultation wait times by 35% through AI-powered scheduling and peer-led counseling networks. The project also introduced "Sunflower Companion" volunteers to provide psychosocial support for AIDS patients, reducing stigma and improving treatment adherence by 28%.

## 5. Future Prospects

### 5.1 Empowering Infectious Disease Prevention and Control Through Technology

**Introducing Advanced Technologies:** The Youth League Committee will actively promote the adoption of cutting-edge technologies in hospitals, such as AI-assisted diagnostic systems, to enhance early diagnosis and treatment efficiency for infectious diseases. The goal is to increase the early diagnosis rate by 20% within the next three years. Additionally, we will explore big data analytics to enable precise prediction of epidemic trends, providing scientific support for public health decision-making, with an expected 15% improvement in prediction accuracy compared to current levels.

**Strengthening Telemedicine Services:** Further develop telemedicine platforms to enable specialists to provide remote diagnostic advice for patients in underserved areas, thereby improving grassroots healthcare quality and expanding the hospital's service coverage. The plan is to extend telemedicine services to over 50% of county-level hospitals in Guangxi within the next two years.

### 5.2 Strengthening the Cultivation of Young Talents

**Building Growth Platforms:** The Youth League Committee will organize professional training sessions, academic lectures, and skill competitions to create platforms for young medical professionals to showcase their talents and enhance their capabilities. We aim to hold no fewer than 40 professional training sessions and academic lectures annually, with a 10% yearly increase in skill competition participation. Furthermore, we will encourage young employees to engage in hospital research projects and innovation practices, fostering their scientific thinking and innovative abilities. The goal is to achieve a 15% annual growth in research papers published by young staff.

**Implementing a Mentorship System:** Establish a mentorship program where experienced experts and senior professionals provide one-on-one guidance to young employees, accelerating their professional development. The plan is to assign mentors to over 80% of young staff within the next year.

### 5.3 Expanding Volunteer Service Initiatives

**Deepening Community Engagement:** The Youth League Committee will mobilize young volunteers to conduct health education campaigns and free medical consultation activities in communities, raising public awareness and prevention of infectious diseases. We will organize no fewer than 50 community service activities annually, with a 20% yearly increase in the number of residents covered. Long-term partnerships with communities will also be established to provide continuous health management and consultation services.

**Supporting Vulnerable Groups:** Strengthen care and assistance for patients with infectious diseases such as HIV/AIDS and tuberculosis through psychological counseling and livelihood support, promoting their rehabilitation and social integration. Over the next three years, we aim to increase service hours for these groups by 15% annually.

### 5.4 Enhancing Hospital Cultural Development

**Building a Brand Identity:** The Youth League Committee will assist the hospital in deepening the development of the "Yulan Flower Fragrance" cultural brand, integrating its core values into all hospital operations and services. This initiative aims to shape a distinctive cultural identity, boosting cohesion and appeal. The goal is to increase the brand's recognition among patients by 25% within the next two years.

**Enriching Cultural Activities:** Host diverse cultural events, such as artistic performances and sports competitions, to enrich the leisure lives of young employees and foster a positive work environment. We plan to organize no fewer than 20 cultural activities annually, with a 10% yearly increase in staff participation.

### 5.5 Promoting Party-Youth League Collaboration

**Strengthening Party-League Coordination:** The Youth League Committee will maintain close ties with the hospital's Party Committee to jointly organize themed Party and Youth League Day activities, facilitating communication and collaboration between Party and League members. This will create a synergistic dynamic between Party-building and League-building efforts, with at least 10 joint activities annually.

**Engaging in Hospital Governance:** Encourage young League members to actively participate in democratic management and oversight, contributing ideas for the hospital's development and playing a proactive role in its governance. We aim to collect no fewer than 50 suggestions from young employees annually, with an implementation rate of at least 30%.

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