

We Need Your Help for Our 2018 Project...

16 Rural Doctors in Kham Need Training on Prevention of Neurocysticercosis

Neurocysticercosis (NCC) is a dangerous parasitic disease that is highly prevalent in 24 counties in western and southern Sichuan Province of China (Kham). Symptoms include epileptic seizures, headaches, hydrocephalus,

blindness, and death. The risk factors for this preventable disease are lack of education, free-ranging pigs, lack of meat inspection, a poor economy, eating undercooked pork, lack of latrines, poor hygiene, and lack of trained doctors.



In October 2017, BLSCP provided \$21,000 for MRI brain scans for 44 Tibetan primary school students whose blood had tested positive for NCC. Nine students had brain cysts and received drug therapy.



The students traveled from their homes in Shuiluo Township, Muli County, Liangshan Prefecture, Sichuan Province to a hospital in Xichang.

When humans ingest raw or undercooked pork infected with pork tapeworm larvae, adult tapeworms can develop in their small intestines. **This human infection is called taeniasis. Each such infected human is a carrier for cysticercosis**, which is caused by fecal-oral contamination from the carrier. Cysts may develop in skeletal muscles (often), the central nervous system (location that most frequently causes serious symptoms), or less frequently in the eyes, skin, or heart. **In the central nervous system (most commonly the brain), the disease is called neurocysticercosis.**

The Need

- In Sichuan around **6,000,000 people are at risk** of infection with taeniasis and/or NCC.
- Village **medical doctors and veterinarians working in the 24 endemic Sichuan counties need training** on prevention of NCC.
- Minimizing the NCC risk factors is very important for controlling NCC.
- **NCC can be prevented by effectively treating taeniasis carriers** (average infection rate of 15%).

Doctor Training Budget \$28,074

Already Raised

\$975

Balance Needed

\$27,099

As of
14 March 2018

Boulder-Lhasa Sister City Project

HELPING TIBETANS IN TIBET

Your donation of any amount is important. Kindly give as generously as possible.

You may donate by credit card to Parasite Medical Program at boulder-tibet.org/paypal.html.

Checks may be mailed to BLSCP, 776 Cottage Ln, Boulder CO 80304-0758.

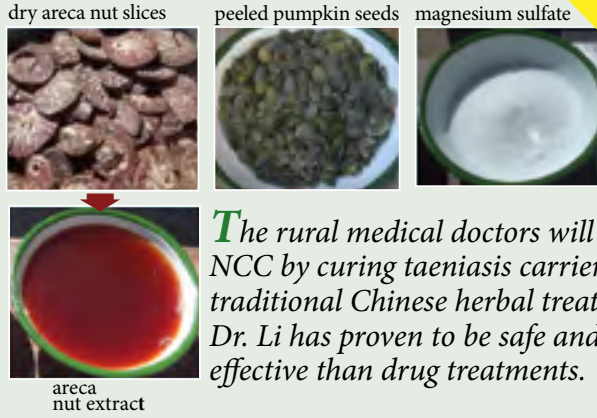
Your tax-deductible donation to BLSCP will help 16 rural doctors be trained to prevent NCC in 6,000 Tibetans, including 1,300 children.

The Opportunity

- **Dr. Li Tiaoying**, Sichuan Center for Disease Control and Prevention (CDC), Chengdu, is our long-time partner.
- **She has proposed to conduct a 3-day pilot training project for the 16 rural medical doctors and veterinarians in Shuiluo Township, Muli County.**
- This project will set an example for the other 23 Sichuan counties to initiate their own such training.
- **Dr. Li has no funding for such training and has invited BLSCP to raise the required funding and participate in the project.**

The Project

- **June 2018** is our target date. The venue will be a hotel in Xichang.
- **\$28,074** is the estimated total cost for transportation, hotels, meals, allowances, and materials.
- After the training, Dr. Li will visit the doctors in Shuiluo Township to evaluate their performance.
- **Expected yearly impact:** 900 taeniasis cases treated, 600 human cysticercosis cases treated, and 3,600 pigs treated for swine cysticercosis



The rural medical doctors will prevent NCC by curing taeniasis carriers with this traditional Chinese herbal treatment that Dr. Li has proven to be safe and more effective than drug treatments.

Help Us Continue This Important Work



Lhosang, a teen-age Tibetan girl from Muli County, had lost most of her eyesight and suffered from headaches for many years. In October 2017, her MRI brain scan showed advanced NCC.



BLSCP provided \$10,000 for life-saving brain surgery on November 6 in Chengdu. She can now see well enough to read.

Doctor Training Budget \$28,074

Already Raised

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Balance Needed

\$27,099

As of 14 March 2018

“So far there is no other organization or government to share the project cost, as cysticercosis is presently completely neglected in China.”

Dr. Li Tiaoying

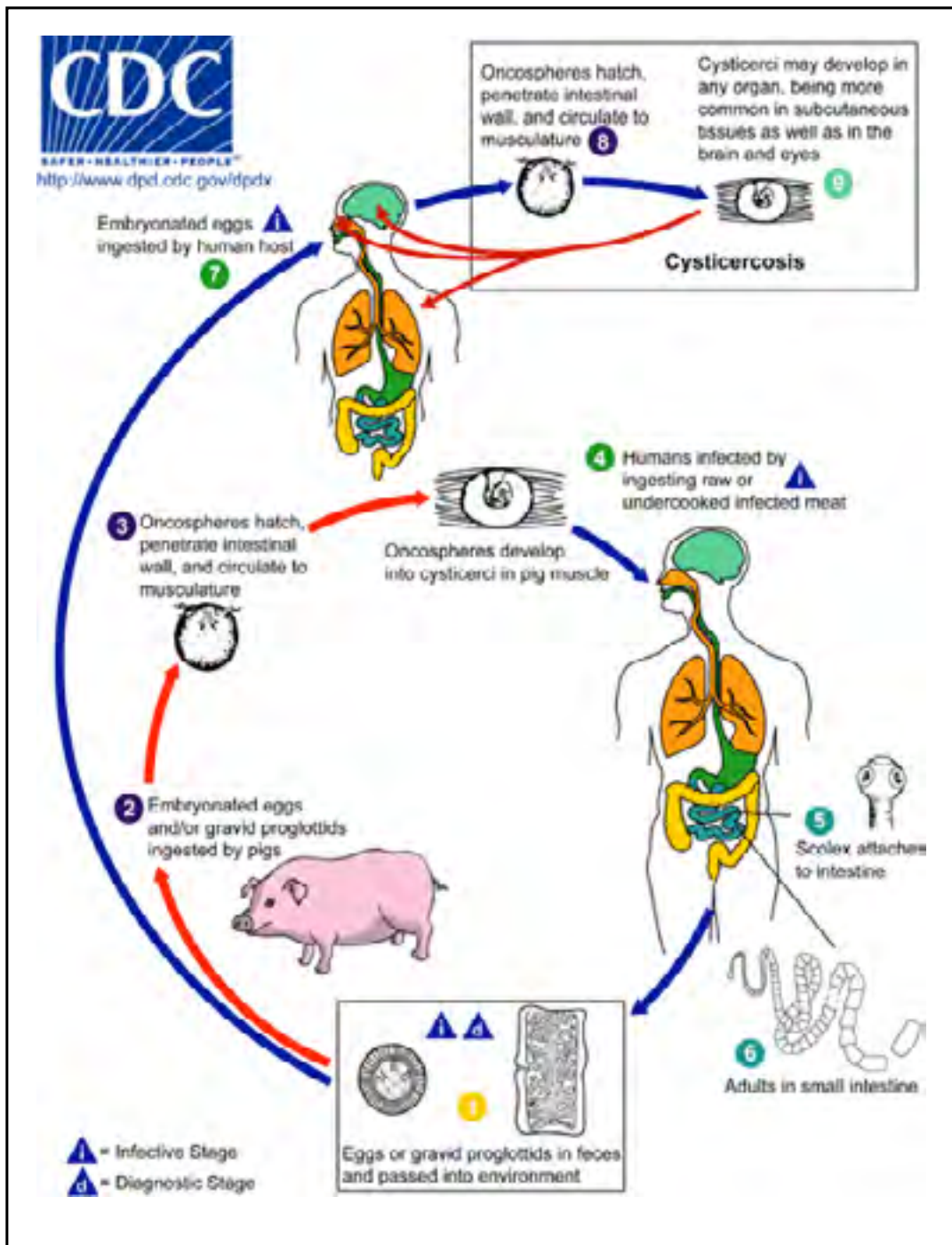
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HELPING TIBETANS IN TIBET

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How Humans are Infected with Cysticercosis



EXPENSES FOR TRAINING RURAL DOCTORS ON PREVENTION OF NEUROCYSTICERCOSIS

	Item	Price	Total
Costs for Shuילו Township/Village staff (16 persons)	Transportation	\$80/person	\$80*16 = \$1,280
	Hotels	\$48/person/night	\$48*16*6 = \$4,608
	Meals	\$20/person/day	\$20*16*7 = \$2,240
	Allowance	\$32/person/day	\$32*16*7 = \$3,584
Costs for local CDC (4 persons)	Transportation	\$40/person	\$40*4 = \$160
	Hotels	\$48/person/night	\$48*4*5 = \$960
	Meals	\$20/person/day	\$20*4*5 = \$400
	Allowance	\$48/person/day	\$48*4*5 = \$960
Costs for Sichuan CDC (4 persons)	Car rental	\$160/car/day	\$160*1*7 = \$1,120
	Hotels	\$48/person/night	\$48*4*6 = \$1,152
	Meals	\$20/person/day	\$20*4*7 = \$560
	Allowance (including lecture fee)		\$3,200
	Materials for training		\$512
Costs for foreign experts (3 persons)	International air travel	\$1,500/person	\$1,500*3 = \$4,500
	Hotels	\$56/person/night	\$56*3*11 = \$1,848
	Meals	\$30/person/day	\$30*3*11 = \$990
	Total		\$28,074