



# Rotary Club of Pimpri

## Dist. 3131



ROTARY CLUB OF PIMPRI  
and 10 Rotary clubs from Dist 3131

Synergy Global Grant project Report

FOR

Cervical Vaccination to Girls  
( AGE GROUP 9 -14YEARS)



# Highlights



**Rotary**  
Club of Pimpri  
Dist. 3131



**Area of Focus:** Disease Prevention

**Project Title:** Cervical Cancer Vaccination Drive

**Host Club:** ROTARY CLUB PIMPRI, D3131

**Other Clubs:** 10 Rotary clubs from Dist 3131

**Beneficiaries:** 1450 girls

**Project Cost:** \$92,500 (Details on slides 14,15)



# Rotary Foundation's Push for multi-club, multi-district participation

**Rotary**  
Club of Pimpri  
Dist. 3131



## New Concept Salient features of this concept

- Rotary Club of Pimpri, in association with 10 other Rotary clubs in Dist 3131 wish to take up this humanitarian Global Grant project.

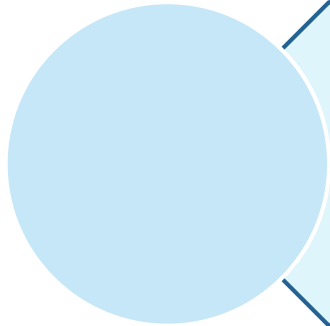
## Salient features of this concept

- More rotary clubs engaged in Foundation funded humanitarian grants
- Rotarians at the club level will be engaged → membership retention.

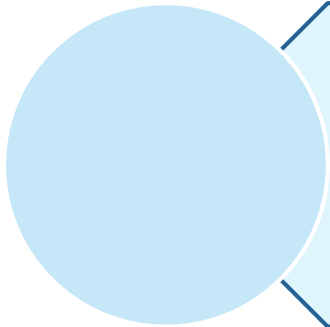


# Experienced Host Club

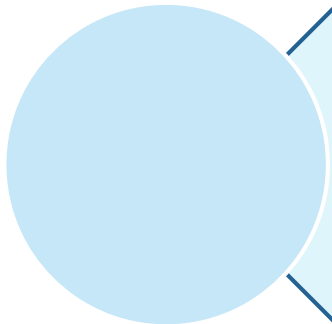
**Rotary**  
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Dist. 3131



Rotary Club Of Pimpri (Host partner) has implemented humanitarian projects including Global Grants (GGs) for over 15 years.



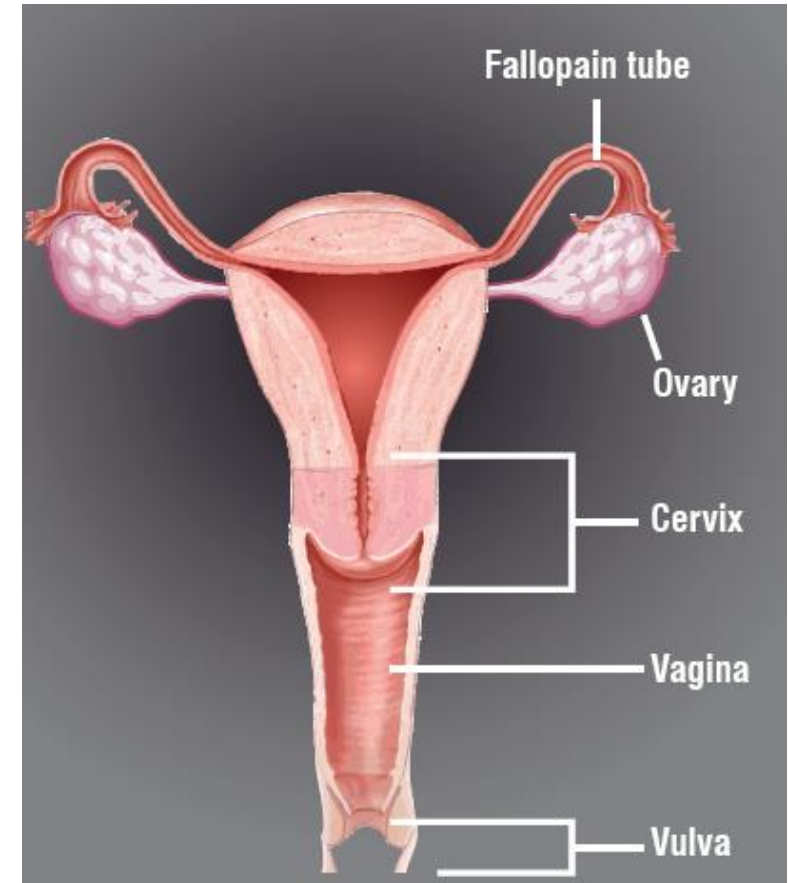
Have successfully completed several GGs and 2 are currently underway



10 other Rotary clubs from Dist 3131 will participate from planning to execution in this project.

# What is Cervical Cancer?

- It is cancer that begins on the cervix, which is the mouth of the uterus.
- Cervical cancer is the second most common cancer among women in India after the Breast Cancer.
- Cervical cancer is caused by infection with a virus called human papilloma virus or HPV.



# What causes Cervical Cancer?

HPV is a necessary cause of cervical cancer – 99.7%<sup>4</sup>

Cancer causing Types<sup>1,2,4</sup>

HPV 16

HPV 18



- >75% of Cervical Cancer<sup>5,6</sup>
- >50% of Vaginal & Vulvar Cancer<sup>5</sup>

## HPV



Non-cancer causing types<sup>1,2</sup>

HPV 6

HPV 11



90% of Anogenital warts<sup>5</sup>

1. Schiffman M, Castle PE. *Arch Pathol Lab Med.* 2003;127:930–934. 2. Wiley DJ, Douglas J, Beutner K, et al. *Clin Infect Dis.* 2002;35(suppl 2):S210–S224. 3. Muñoz N, Bosch FX, Castellsagué X, et al. *Int J Cancer.* 2004;111:278–285. Reprinted from *J Virol.* 1994;68:4503–4505 with permission from the American Society for Microbiology Journals Department. 4. Walboomers JM, Jacobs MV, Manos MM, et al. *J Pathol.* 1999;189:12–19. 5. X. Castellsagué, S. de Sanjose, T. Aguado, K. S. Louie, L. Bruni, J. Muñoz, M. Diaz, K. Irwin, M. Gacic, O. Beauvais, G. Albero, E. Ferrer, S. Byrne, F. X. Bosch. HPV and Cervical Cancer in the World. 2007 Report. WHO/ICO Information Centre on HPV and Cervical Cancer (HPV Information Centre). Available at: [www.who.int/hpvcentre6](http://www.who.int/hpvcentre6). Bhatla N et al. *Vaccine* (2008;26; 2811-17



# Cervical Cancer disease in India



- ▶ India has a population of **over 435 million women** aged 15 years and older who are **at risk** of developing cervical cancer.
- ▶ India accounts for **~ 1/4<sup>th</sup> of Cervical cases and deaths worldwide**

1,22,844

New cases annually

2<sup>nd</sup>

Common cause of female cancer

2<sup>nd</sup>

Most common female cancer in women aged 15-44 years



# Cervical Cancer mortality in India



2<sup>nd</sup> Cause in female cancer deaths and 2<sup>nd</sup> leading cause of cancer deaths in women aged 15-44 years

**67,477  
Deaths  
Annually**

Approx. 185 women die every day

Approx. 8 women die every hour

A women dies every 8 minutes

**THESE DEATHS ARE PREVENTABLE!!!**





# Vaccination for Cervical Cancer



HPV vaccines are highly effective at preventing the infection of susceptible women with the HPV types covered by the vaccine.

HPV vaccine should be given to females before they reach an age when the risk of HPV infection increases and they are at subsequent risk of cervical cancer.

HPV vaccine should be ideally given to 9-14 year old girls as per the IAP recommendation. FOGSI recommends HPV vaccination at various stages of a woman's life starting from 9 to 45 years of age

HPV vaccine is given as 2 doses over a period of 6 months.





# QHPV 2 Dose Regimen In 9-14 Year Old Girls Summary



- ▶ The large Indian clinical trial data clearly demonstrated that immune response and protection with 2-dose regimen is non-inferior to 3-dose regimen in adolescents (10-18 yr old unmarried females with up to 4.7 year follow-up)
- ▶ WHO and IAP recommends 2 dose regimen in 9-14 year olds
- ▶ QHPV 2 dose schedule is approved in multiple countries across the world
- ▶ 2 dose schedule may improve compliance for vaccination



# Project Implementation

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- ▶ Goal is to vaccinate 1450 girls aged 9-14 under the two dose regimen
- ▶ Increase awareness among the rural-urban population through education via presentations and pamphlets. Four sessions in clusters of villages
- ▶ Conduct initial vaccination drives in 8 areas covering 1450 girls. Vaccination carried out by volunteer doctors
- ▶ Conduct second vaccination drive in the same 8 areas administering the second dose to the same 1450 girls



# Our Mission



- ▶ WE as DIST 3131 has a target of vaccinating 20000 girls this year .
- ▶ As the cost per dose is now negotiated to INR 1750 we need 10.76 lakh USD to complete our target including vaccine and other expenses.
- ▶ Including our RCPLR other 12-13 more clubs will be doing the global grant for same project. Partner identification is in progress.
- ▶ Still we are negotiating with MSD for Lowering the per vaccine rate





# Role of Rotarians

**Rotary**  
Club of Pimpri  
Dist. 3131



Since this is a synergy global grant project the participating clubs will first short list the schools and get the data of the girls from the school. Awareness through Lectures & Leaflets will be created. We will involve the Gynac association in this drive.

- ▶ After compilation of the data the final schools will be selected. And schedule will be decided.
- ▶ Proper presentation and lecture will be given by the doctors to girls and their parents to educate them about this vaccine.





# Vaccine name, manufacturer and Cost



<b>Vaccine Name:</b>	GARDASIL
<b>Manufacturer</b>	Merck
<b>Cost</b>	1750 / INR
<b>Beneficiaries</b>	1450
<b>Dosage protocol</b>	2, separated by 6 months
<b>Total Doses</b>	$1450 \times 2 = 2900$
<b>Total Cost</b>	$1750 \times 2900 = ₹50,75,000$
<b>RI Exchange Rate</b>	66/\$
<b>Total Cost in \$</b>	$50,75,000 \div 66 = \$76984$



# Project Budget



S. No	Item Description	Quantity	Rate INR	Total (INR)
1	Vaccines for administration to girls in rural India. Gardasil from Merck will be administered on a two-doses protocol, 6 months apart to 800 girls. Gardasil costs ₹3000	2900	1,750	5,075,000
2	Administering and Logistics Costs for sessions, girls vaccinated at each session	24	18,000	432000
3	Training sessions at 4 different villages, collateral materials, signage etc.	10	6,300	63,000
4	Contingency (up to 10% of total allowed)			287498
RI Exchange Rate, Jan 2018: INR 66 per \$		\$88500	← Total	5857498



# Global Grant Funding



Host Rotary Clubs/Districts	Cash to TRF	5% to TRF	US\$ DDF
Rotary Club of Pimpri, D3131	\$10,000	\$750	
Other Rotary Clubs in D3131	\$10,000	\$500	
D 3131, Pune', India			\$10,000
<b>Total Host Contributions \$ and % of Grand Total</b>	<b>\$30,000</b>	<b>66%</b>	
International (Int'l) Rotary Clubs/Districts	Cash to TRF	5% to TRF	US\$ DDF
International Rotary Club TBD, D xxxx	7500 \$	\$375	
District xxxx			\$10,000
<b>Total Int'l Contributions \$ and % of Grand Total</b>	<b>\$17500</b>	<b>34%</b>	
Total Contributions by Source	\$30,000		\$17500
<b>Grand Total of All Contributions to Global Grant</b>	<b>\$52500</b>		
Total 5% for cash sent to TRF		\$1625	
World Fund match (50% Cash, 100% DDF)	\$16250		\$20,000
<b>Total World Fund Match</b>	<b>\$36250</b>		
<b>Total Global Grant Funding</b>	<b>\$83750</b>		





# Sustainability

- ▶ Girls around 9 to 14 years will be vaccinated. The data of these girls - school / address etc will be maintained by the vaccinating Rotary Club
- ▶ School will have yearly follow up of these girls will be done with a health check up annually to ensure that these girls have not suffered from this disease over next 3 years.
- ▶ Since this age group girls in schools will continue in those schools over 5 years till 12<sup>th</sup> std , tracing the girls will not be a problem, thus assuring success of monitoring them



# Rotary Club of Pimpri

## Dist. 3131

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# Thank You

