

Mobile Medical Clinics triumphs and pitfalls

How do we make a difference??



Rhode





Roles of mobile medical clinics

1) Provide care where there is not enough care or gaps

- disaster care

- isolated areas

- overwhelmed by disease













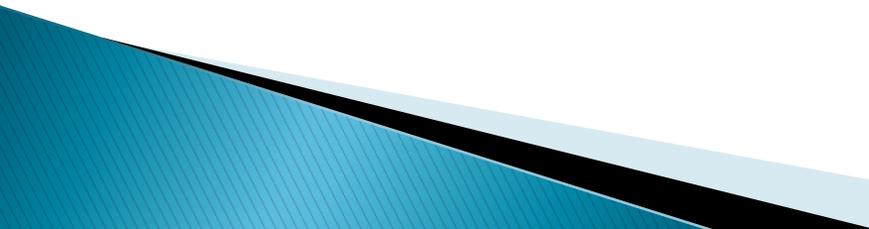
Roles of mobile clinics

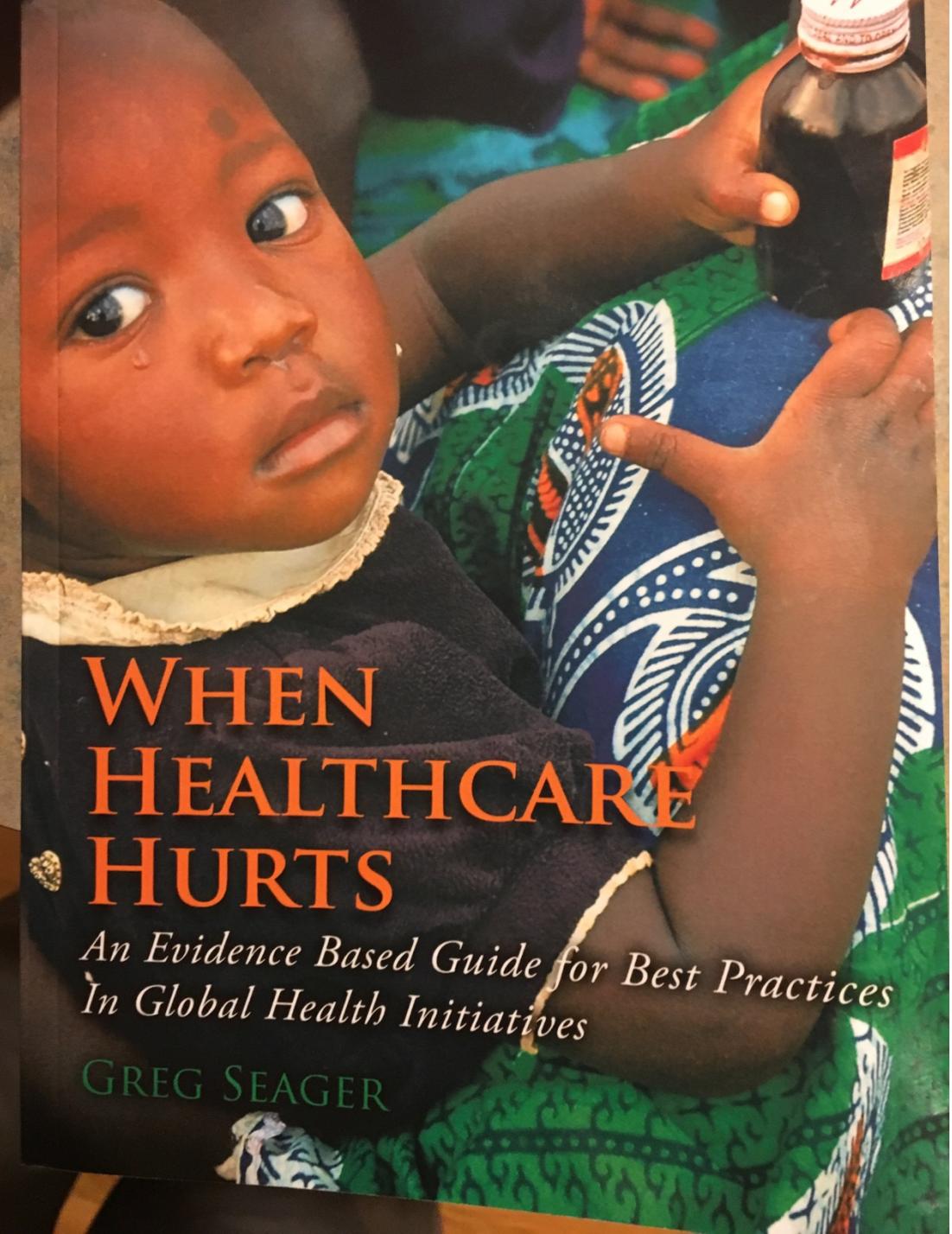
- ▶ 1) Provide care in the gaps
 - ▶ 2) Triage patients to local resources
 - ▶ 3) **Empower** the local population to create systems of holistic care
 - ▶ 4) Share the Gospel of Jesus Christ!
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Spread the gospel

- ▶ “Go into all the world and preach the Gospel to all creation.” Mark 16:15
 - ▶ “For I was hungry and you gave me to eat, I was thirsty and you gave me to drink, I was a stranger and you invited me in. I needed clothes and you clothed me. I was sick and you looked after me. I was in prison and you visited me.”
 - ▶ Matthew 25:35
- 

Possibly harmful effects of a mobile clinic/short term care

- ▶ Can cause physical harm
 - ▶ May diminish confidence in local care
 - ▶ Often cause economic harm to local providers or health systems
 - ▶ Often paternalistic offering relief instead of development
 - ▶ Creating false dependency on outside care
 - ▶ Often is more about the volunteers than the patients
- 



**WHEN
HEALTHCARE
HURTS**

*An Evidence Based Guide for Best Practices
In Global Health Initiatives*

GREG SEAGER

What gives the biggest
impact



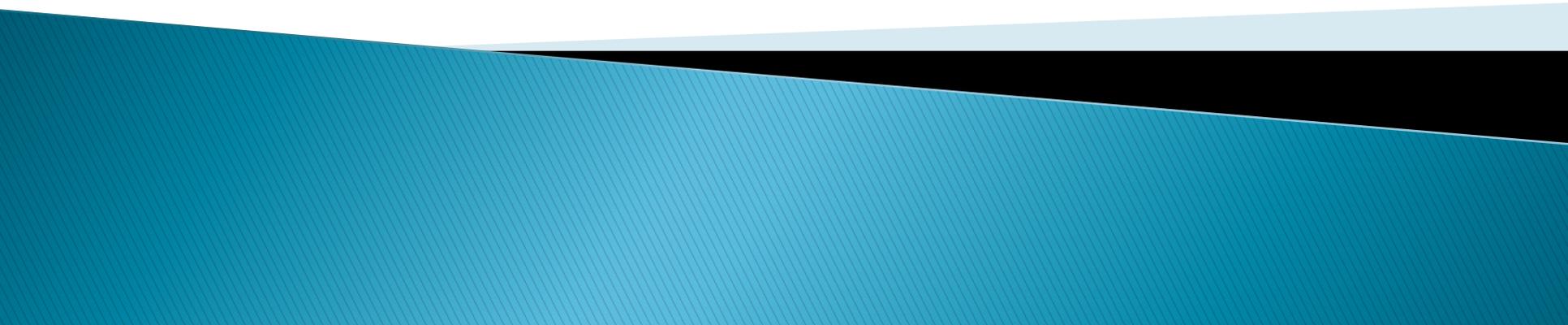
In 2006 more than 9 million children under 5 died of preventable causes.

»» WHO secretary General 2008,
WHO dept of child health and
development 2009

% of under 5 child deaths

- ▶ Birth complications 21%
 - ▶ Pneumonia 19%
 - ▶ Diarrheal diseases 17%
 - ▶ Infant illnesses 15%
 - ▶ Malaria 8%
 - ▶ Measles 4%
 - ▶ AIDS 3%
 - ▶ Injuries 3%
- 

IMMUNIZATIONS



immunizations

- ▶ Tetanus 300,000 deaths annually
 - ▶ Measles 1.1 million deaths since 1995
 - ▶ Hemophilus 371,000 deaths in children under 5 in 2000
 - ▶ Rubella 100,000 cases annually of congenital rubella syndrome
 - ▶ Pertussis 300,000 deaths annually (2005)
- 

immunizations

- ▶ WHO estimates that 20 % of all deaths worldwide in children under 5 are preventable by vaccination (8.8 million in 2008)

water

- ▶ Despite the risks, women and children in developing countries invest two hundred million hours a day fetching water. That's equal to a full time workforce of twenty five million people fetching water eight hours a day, seven days a week!

- ▶ “As we gathered around the borehole well that World Vision had drilled several years earlier right next to the school, the school’s headmaster told us that before the borehole he had just forty students. Now more than four hundred children attended the school! The difference?”

A well in the village



Richard Stearns “The Hole in the Gospel”

"The Hole in Our Gospel will lift you to a higher level of knowledge. This is the best ... Richard Stearns has the message ... presented!"
—Bill Hybels

WHAT DOES GOD EXPECT OF US?

THE HOLE IN OUR GOSPEL

THE ANSWER THAT CHANGED MY LIFE AND MIGHT JUST
CHANGE THE WORLD



RICHARD STEARNS

PRESIDENT, WORLD VISION U.S.



HIV education and treatment



Maternal HIV transmission

- ▶ 15–30% background rate in infants of non breastfeeding women with no treatment
- ▶ Additional 5–20% transmission with breastfeeding = 20–45% rate

HIV

- ▶ Rate decreases to less than 5% with appropriate treatment in the breastfeeding population

Name this disease



Name that disease

- ▶ Hippocrates talked of it Alexander the Great likely died of it
 - ▣ May have stopped Attila the Hun and Genghis Khan
 - ▣ Some Egyptian mummies had signs of it

Name that disease

- ▶ George Washington, Abraham Lincoln and Ulysses S Grant had it
 - ▶ At least 4 popes died from it
 - ▶ A million union army casualties in the Civil War were attributed to it
 - ▶ More deaths from it in the Pacific theater in WWII than from combat
- 

Name that disease

- ▶ Some believe that 1 out of every 2 people that have ever lived have died from it

malaria

diarrhea txt

Diarrheal disease

- ▶ Estimated 5 million deaths per year world wide from waterborne diseases

Oral rehydration salts



Vitamin A

- ▶ May reduce mortality in malnourished children by 23%
 - ▶ Supplements starting at age 6 months
- 

Zinc supplementation

- ▶ Can reduce diarrhea by 18% and pneumonia by 41 %
 - ▶ Supplement any children 2 months to 5 years
- 

Parasitic treatments

- ▶ Regular treatments of a defined population every 6 months
- ▶ (ascaris, schistosomiasis et al)

WHO recommends 5 preventive measures in developing countries

- ▶ Immunizations
 - ▶ Parasite prophylaxis
 - ▶ Vit a supplementation
 - ▶ Zinc supplementation
 - ▶ Iron supplementation
- 

Education

- ▶ WHO recommends 4 interventions for education (one of these should be addressed at each visit)
 - 1)Address care seeking behavior for parents
(when to seek care)
 - 2)Nutrition
 - 3)Home management of diarrhea
 - 4)Malaria prevention
(bed nets)

Mobile clinics set up



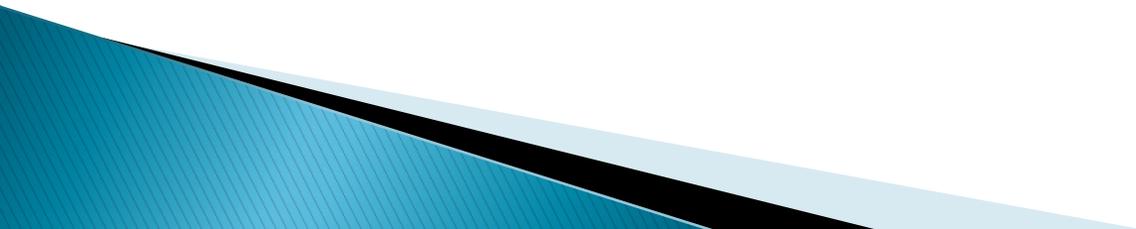
Use local resources

Physicians.

Nurses

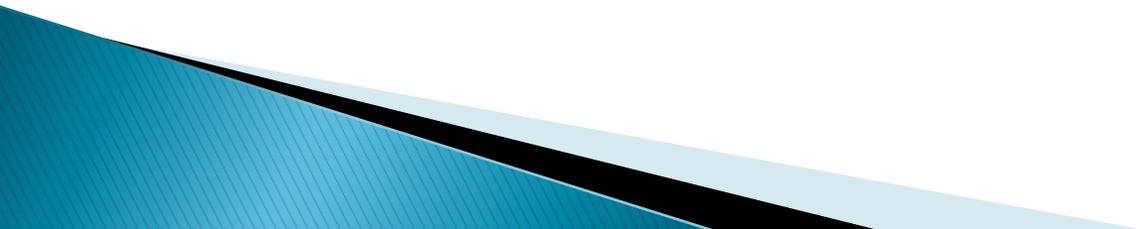
Teachers

pastors





Locations









Crowd control



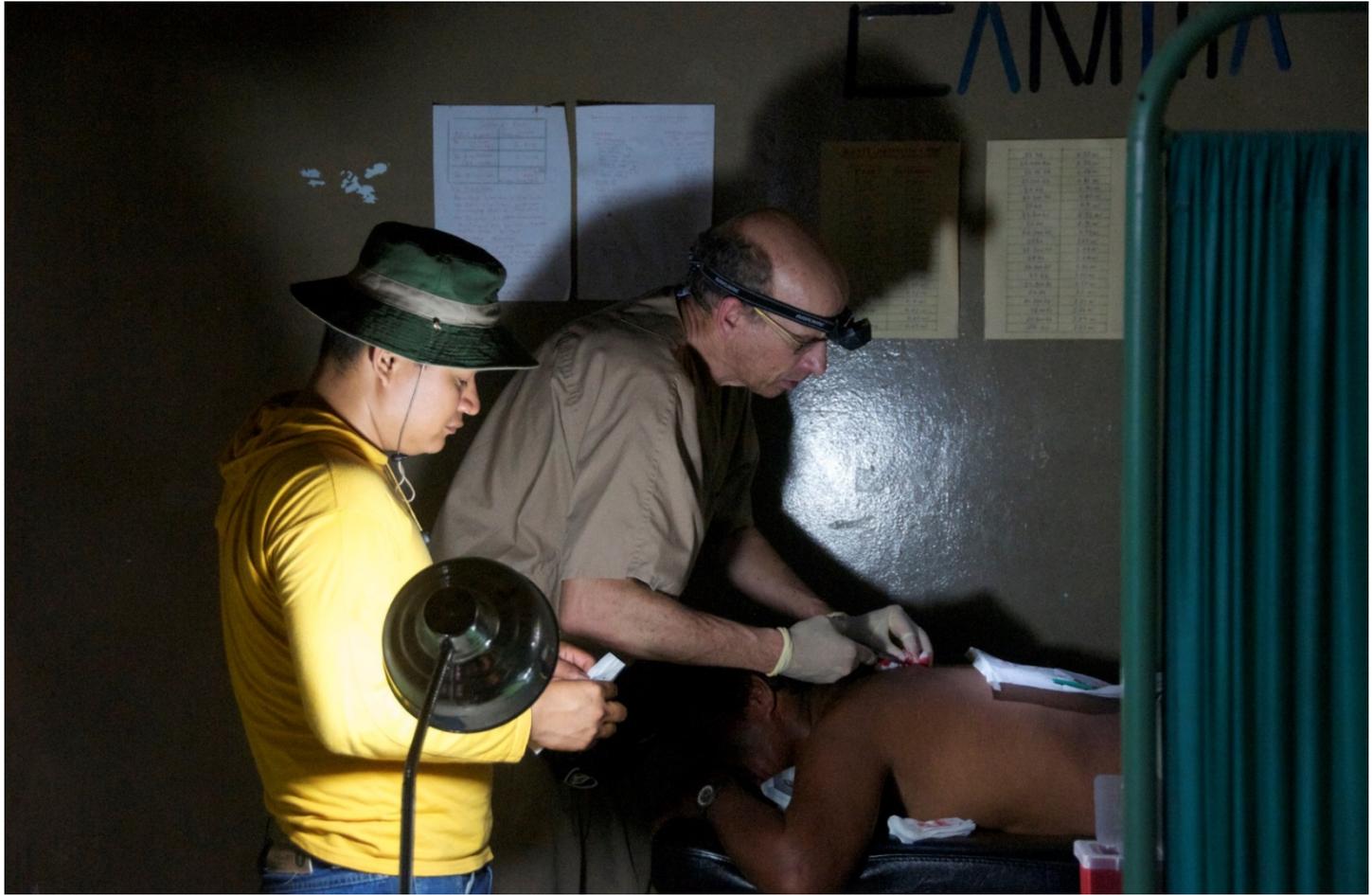


Wrist bands

- ▶ Am/pm colors
- ▶ Numbered

- ▶ Less effective ink, paper wrist bands, tickets





Greet the people

- ▶ Talk to the people,
 - ▶ Discuss goals of clinics
 - ▶ Survey the population
 - ▶ Educate about common complaints
 - ▶ Limit laundry lists
- 

Orderly triage



Out of the sun



What works

Quality interpreters





Know your resources







Lab

- ▶ Quick labs include
 - Hiv
 - Malaria
 - Dengue
 - Pregnancy
 - Ua
 - Hgb
 - Bs
 - Bmet and others

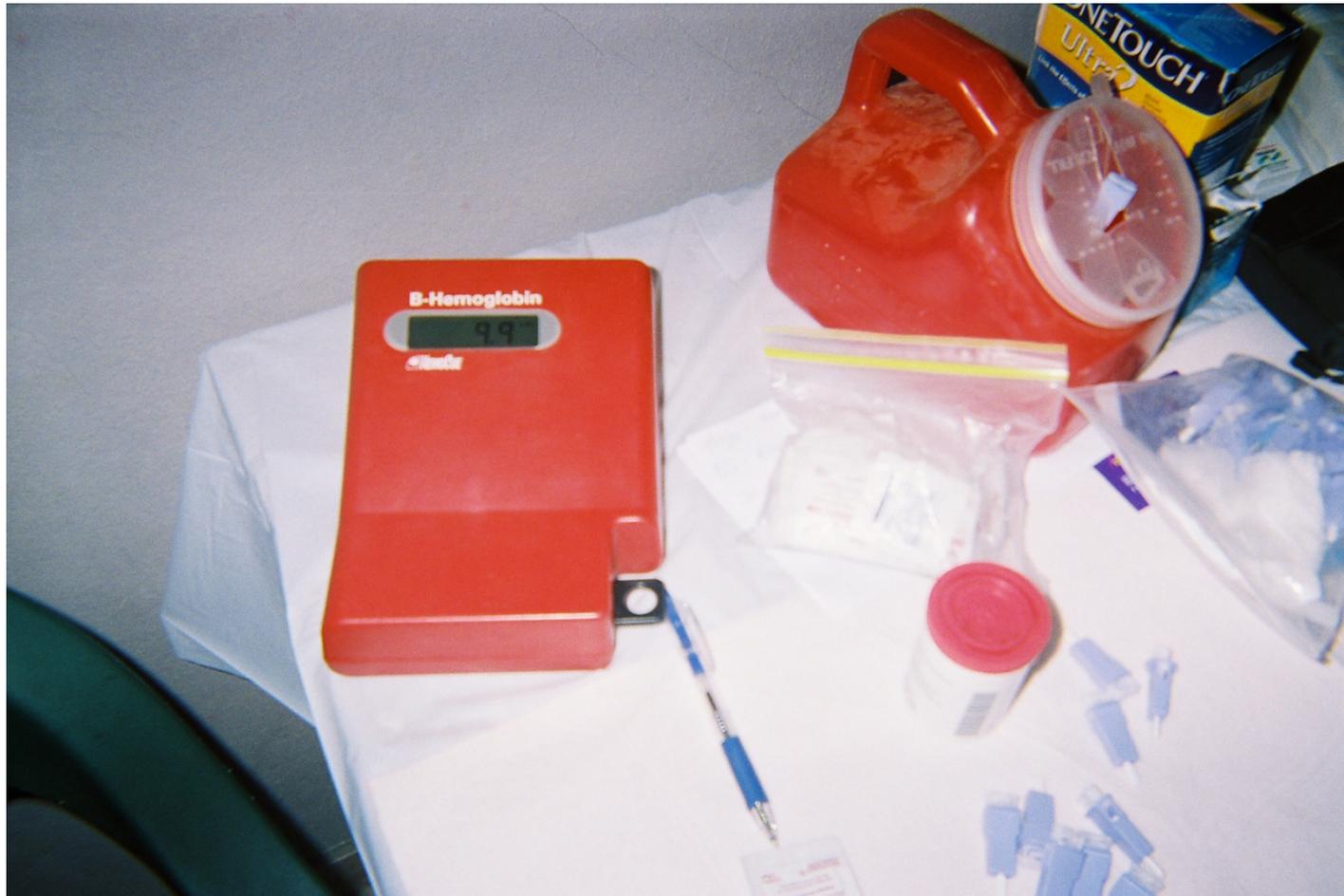


Champion E-33 Fixed Angle Bench-Top Centrifuge

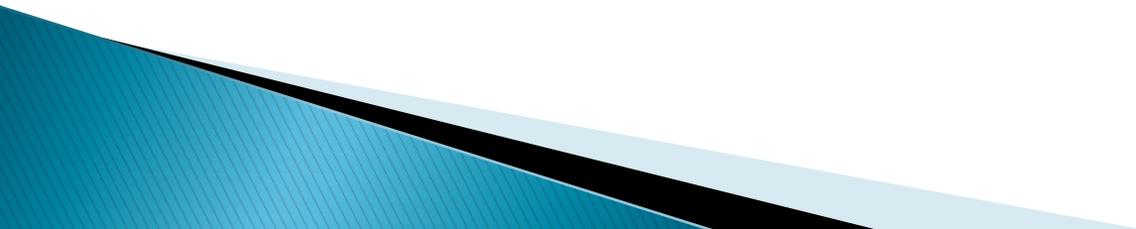


MORE VIEWS

LAB



Pharmacy







Pharmacy insights

- ▶ Pharmacists if available
 - ▶ Clear instructions
 - ▶ Repeat back instructions
 - ▶ Not too many medications
 - ▶ Clear labels
- 

Things to remember

- ▶ Avoid dangerous treatments
 - ▶ Avoid Ace inhibitors to any women of child bearing age
 - ▶ NSAIDs GI bleed without access to treatment
 - ▶ PPIS may increase risk of water borne disease
 - ▶ Beta blockers due to compliance
 - ▶ Assume anyone of child bearing age is pregnant
- 

How do you deal with the crowds?

- ▶ Mother Theresa when asked how she deals with the millions in need.

- ▶ “I serve the one in front of me”

Mother Theresa

Pray ,Pray ,Pray

- ▶ “Rejoice always, pray continually, give thanks in all circumstances: for this is God’s will for you in Christ Jesus”
 - ▶ 1Thess 5:15–18

 - ▶ He said to them, “go into all the world and preach the gospel to all creation”
 - ▶ Mark16:15
- 





Relationships and stories























