

BIRTH COHORT HCV SCREENING IN AN EMERGENCY DEPARTMENT

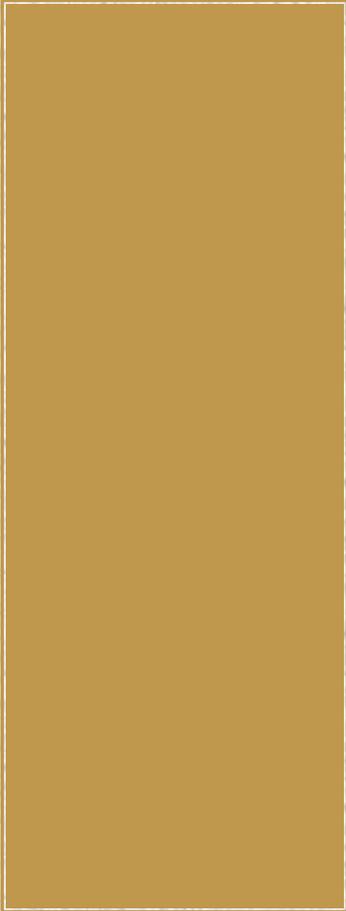
AN ANALYSIS OF ANTIBODY POSITIVE PATIENTS.

Pamela J. Green, RN BSN

Memorial Hermann Healthcare System – Houston, Texas

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Disclosure and Acknowledgements



- **Disclosure**

None

- **Acknowledgements**

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Learning Objectives

LEARNING

OBJECTIVES:

- ❑ **1. The participants will be able to define the 2012 CDC Recommendations for HCV screening.**
- ❑ **2. The participants will be able to identify 3 reasons for testing the Baby Boomer Generation.**
- ❑ **3. The participants will be able to recall the gender, ethnicity and risk of those most affected by HCV in the greater Houston area.**
- ❑ **4. The participants will be able to describe the course of action needed to expand HCV screening throughout Texas.**

CDC Recommendations....

It's pretty clear....

In August 2012, CDC published *Recommendations for the Identification of Chronic Hepatitis C Virus Infection Among Persons Born During 1945–1965*

(MMWR 2012;61(RR04);1-18).

Persons who should be tested once for hepatitis C virus (HCV) infection without prior ascertainment of HCV risk factors include those adults born during 1945 through 1965.

Why test baby boomers?

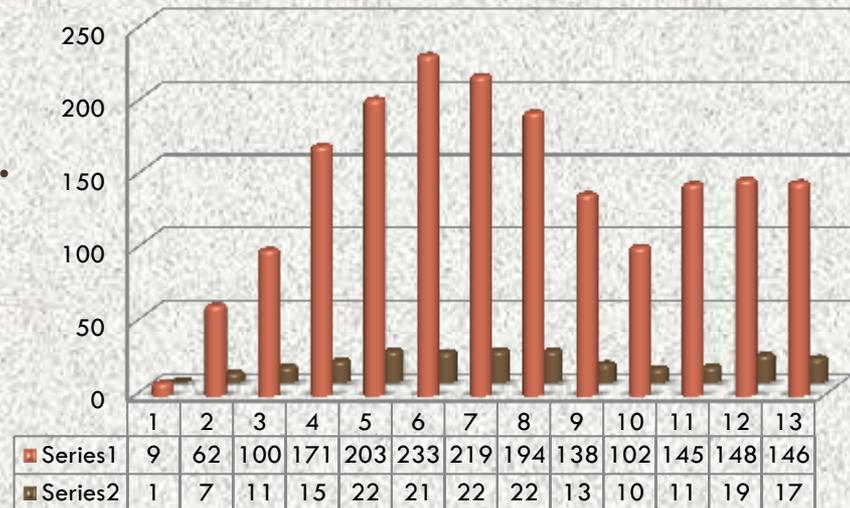
This Hepatitis C testing recommendation was made because:

- ***There are high rates of Hepatitis C in people born during 1945-1965.***
People born during 1945 through 1965 are 5 times more likely than other adults to be infected. In fact, 75% of adults with Hepatitis C were born in these years. In 2010, 17000 new HCV infections were reported.
- ***Testing can help prevent deaths from Hepatitis C.***
Early diagnosis and treatment can help prevent liver damage, cirrhosis, and even liver cancer. It is estimated that one-time testing of everyone born during 1945 through 1965 will prevent more than 120,000 deaths.
- ***There is a lack of awareness.***
Many people with HCV are unaware of infection. One-time testing of everyone born during 1945 through 1965 would find an estimated 800,000 undiagnosed Hepatitis C cases.
- ***There have been recent advances in treatment.***
New medicines are now available, that when added to the standard treatment can increase the effectiveness and shorten treatment time for many people. For many people with HCV, medical treatment can result in the virus no longer being detected in the blood.

In March, 2013...

- MH-TMC is an 800 bed tertiary referral Level 1 trauma center 63,000 patients annually.
- Pilot year – **1870** screened. **191** positives identified.
- 12 were co-infected (7%)
- 75 were chronic HCV (39%)
- **102** were new HCV (54%)

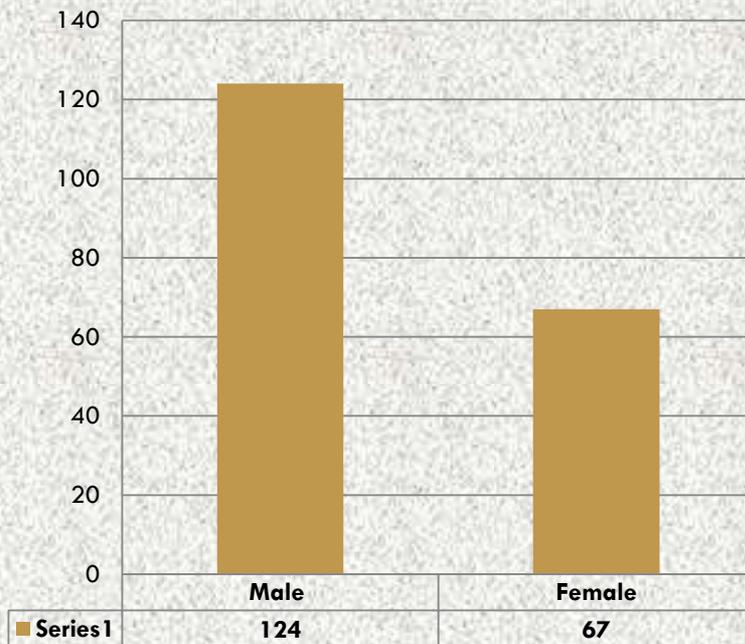
Pilot Year 3/2013 to 3/2014



Additional Findings.....

Male/Female

Male/Female



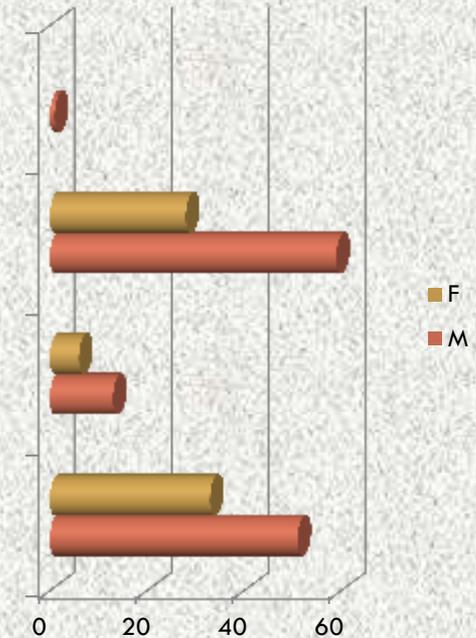
Ethnicity

Middle Eastern

Caucasian

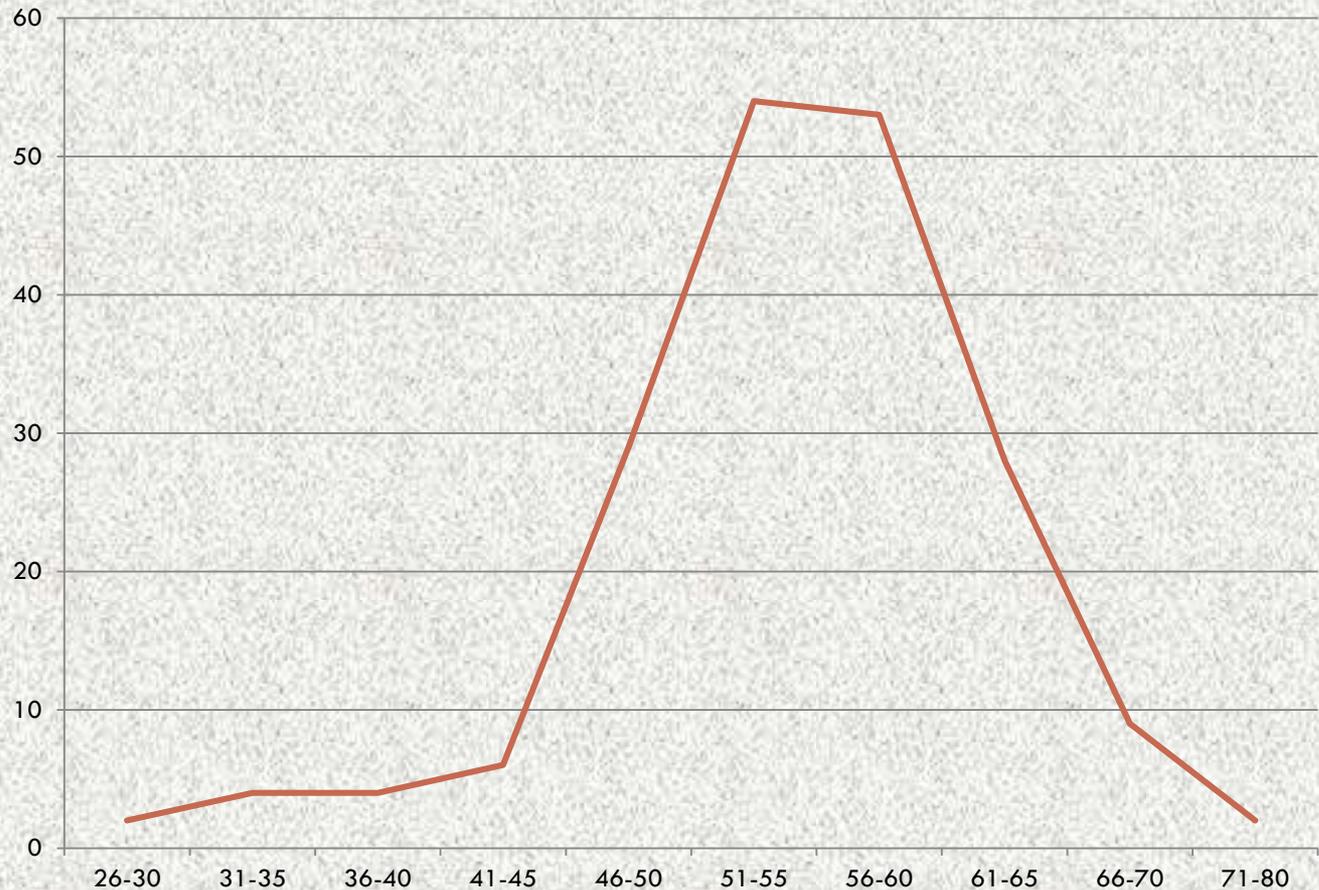
Latin American

African American



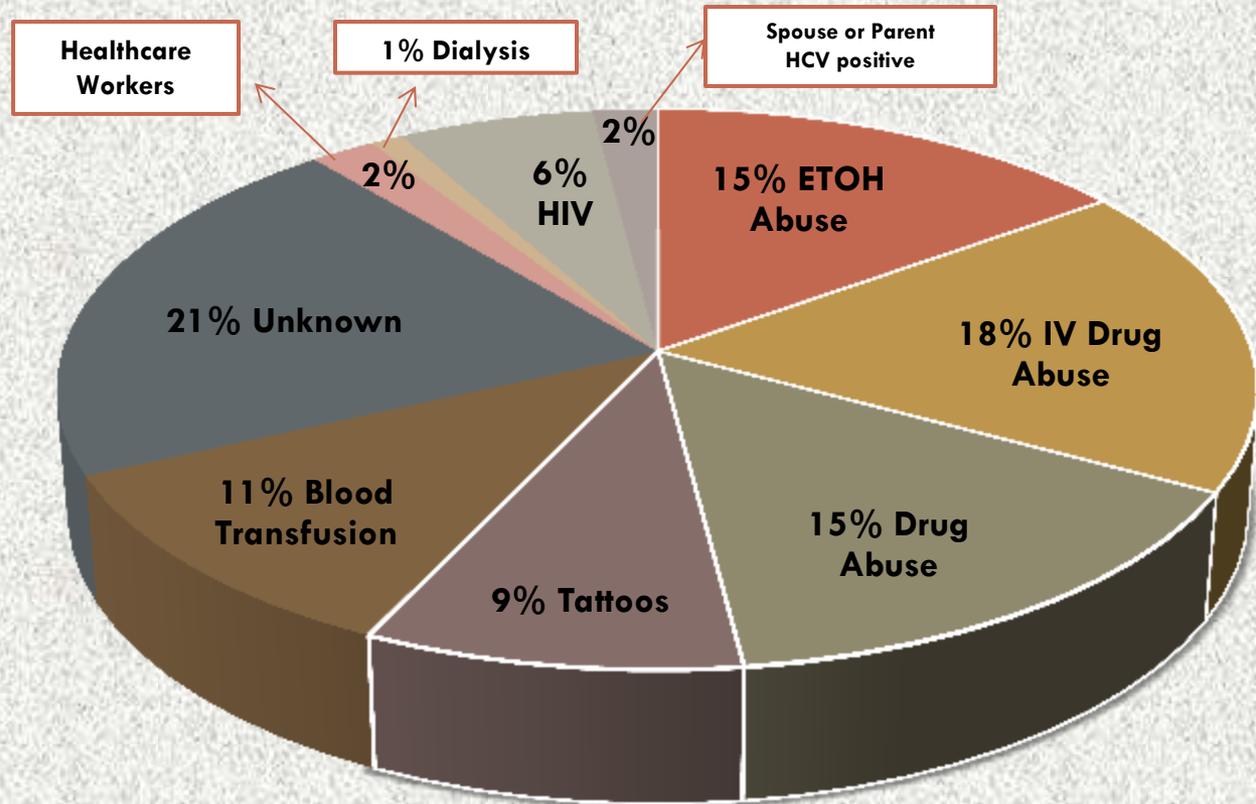
Age Range

The CDC
Recommends
one-time
testing for
HCV
irrelevant of
risk to all
persons born
1945-1965.

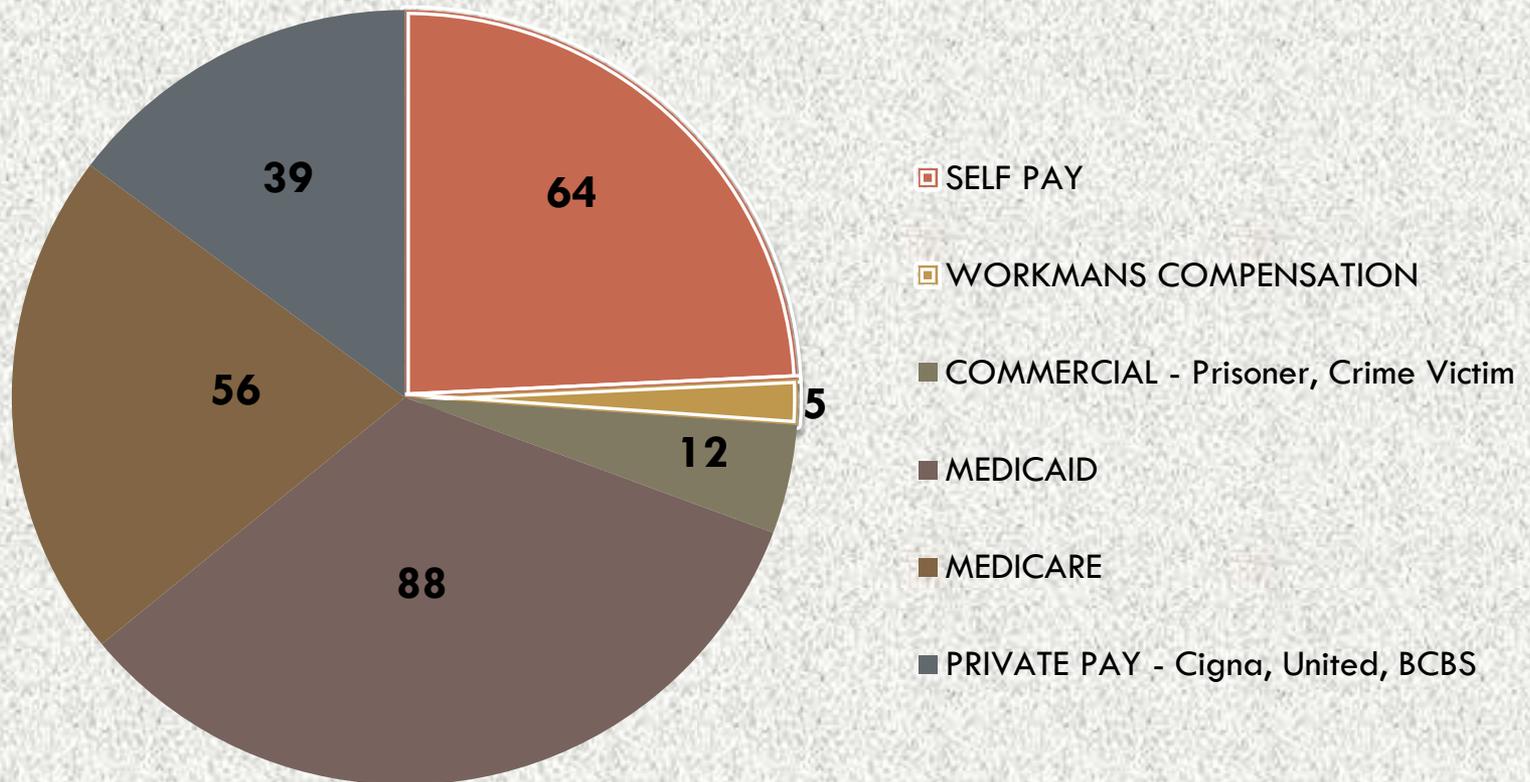


Risk Factors...

- 1% Dialysis
- 2% Healthcare worker or spouse/relative infected.
- 6% Co-infected
- 9% Tattoos
- 11% Blood Transfusion
- 15% Alcohol or Drug Abuse
- 18% IV Drug Abuse
- 21% Unknown



Billing & Reimbursement...



* 264 antibody positive patients – pilot to present

Next Steps

Where
do we
go
from
here ?

- **ORGANIZATION** - form HCV in the way of HIV – training, education, prevalence/prevention , implement a plan of action, create advocacy for cause, develop resource guide.
- **EDUCATION** - national, state, city, physicians, patients prevention, nutrition, disease knowledge, treatment knowledge, know your status.
- **COMMITTED MEMBERS** - a task force that leads, members that participate, build and grow partnerships, a community that participates.
- **TESTING** - physicals, ED visits, colorectal screening – confirmatory with the antibody testing when possible.
- **REIMBURSEMENT** - to include emergency departments and other areas outside of primary care.
- **LINKAGE TO ALL** - mental health, advancing disease, uninsured.
- **MEDICATION COST** – IT'S CURATIVE! Stop the war between drug companies and insurance providers. Give the patient's the medication.
- **URGENCY!**

Questions....

