



# Burden of Hepatitis B and C in Iran and the region

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## Hepatitis B Virus Infection Epidemiology



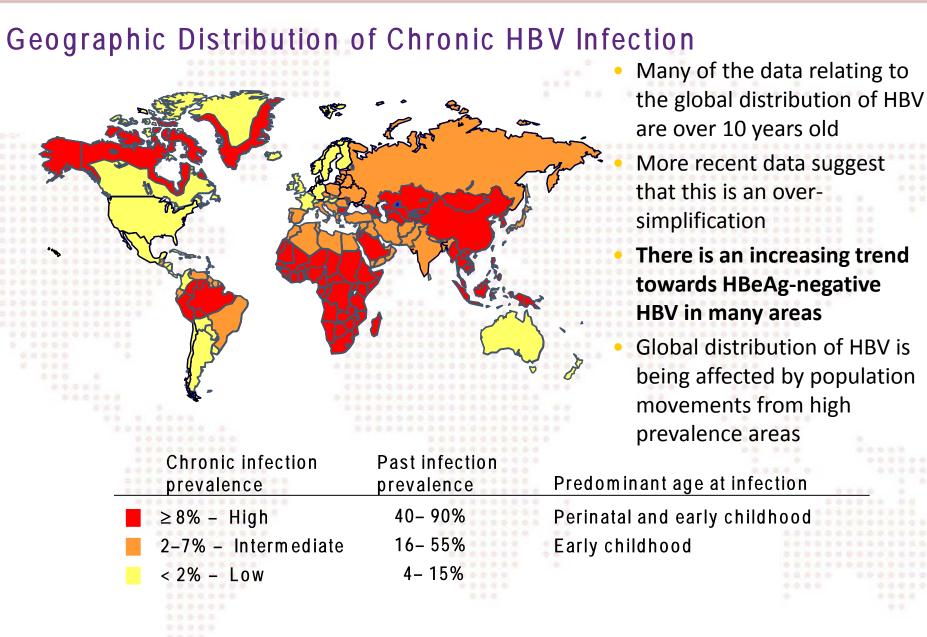


Viral Hep	atitis	
Type of Hepatitis		

	51				
	Α	В	С	D	E
Source of virus	Feces	Blood/ body fluids	Blood/ body fluids	Blood/ body fluids	Feces
Route of transmission	Fecal-oral	Childbirth, needles, sex, transfusion	Needles, transfusion, (sex, childbirth)	Needles, sex, transfusion (requires HBV co-infection)	Fecal-oral
Chronic infection	No	Yes	Yes	Yes	No
Prevention	Vaccine, immune globulin	Vaccine, immune globulin,	Blood donor screening, risk managemer education	HBV vaccine	Ensure safe drinking water











# Risk factors in chronic hepatitis B-Iran

More Age, male sex, history of contact with hepatitis B infected subject, HBs Ag positivity in mother and family, extramarital sexual activity, injection drug use, hospital admission, major surgery, experimental dentist visit and some jobs (**police, barber, and driver**) were found to be independent risk factors.

Sali SH, Bashtar R, Alavian SM. Risk Factors in Chronic Hepatitis B Infection: A Case-control Study. Hepat Mon 2005 Alavian S, et al. Evaluation of Hepatitis B Transmission Risk Factors in Tehran Blood Donors [In Persian]. Govaresh 2004





### Hepatitis B in general Population In Iran

- Using survey data analysis method the HBV infection prevalence in I.R. Iran estimated 2.14
  - percent (95%CI: 1.92-2.35).
- The HBV infection prevalence in Iranian men and
  - women estimated 2.55 percent (95%CI 2.25-2.85)

and 2.03 percent (95%Cl 1.6-2.46 percent)

respectively.

Alavian SM, et al. Hepatitis B Virus Infection in Iran: A Systematic Review. Hepat Mon 2008





### Hepatitis B in general Population In Iran

- The distribution of HBV infection prevalence in the
  - country showed that there are significant differences between provinces in HBV infection rates and the highest prevalence rates was in
  - Golestan province (6.3 percent) and Sistan-
  - Baluchestan province around (3.5 percent.

Alavian SM, et al. Hepatitis B Virus Infection in Iran: A Systematic Review. Hepat Mon 2008





**ORIGINAL ARTICLE** 

#### Seroepidemiology of HBV Infection in South-East of Iran; A Population Based Study

M Salehi<sup>1</sup>, SM Alavian<sup>2</sup>\*, SV Tabatabaei<sup>3</sup>, Sh Izadi<sup>4</sup>, E Sanei Moghaddam<sup>5</sup>, S Amini Kafiabad<sup>6</sup>, A Gharehbaghian<sup>6</sup>, S Khosravi<sup>6</sup>, H Abolghasemi<sup>6</sup>

The prevalence of HBs Ag and HBc Ab in Sistan and Baluchistan was 3.38% and 23.58% respectively. **Predictors** of HBs Ag or HBc Ab in multivariate analysis were **age**, **marital status** and **addiction**.

**Conclusion:** The rate of HBV infection in Sistan and Baluchistan was higher than other parts of Iran. Approximately 25% of general population in this province had previous exposure to HBV and 3% were HBs Ag carriers. **Intrafamilial and addiction** were major routes of HBV transmission in this province.

Salehi M, Alavian SM, et al. Seroepidemiology of HBV infection in South-East of iran; a population based study. Iran Red Crescent Med J. 2012





www.ijpm.ir



#### Seroprevalence of HBV Infection and Its Risk Factors in the West of Iran: A Population-based study

Seyed Moayed Alavian, Seyed Vahid Tabatabaei<sup>1</sup>, Teyyeb Ghadimi<sup>2</sup>, Farzam Beedrapour<sup>2</sup>, Sedigheh Amini Kafi-abad<sup>3</sup>, Ahmad Gharehbaghian<sup>3</sup>, Hassan Abolghasemi<sup>3</sup>

• The prevalence of HBs Ag and HBc Ab in Kurdistan 0.80% was and 5.02%, respectively. Predictors of HBs Ag or HBc Ab in multivariate analysis were: older age and marriage.

 Conclusion: Our population based study suggests that Intrafamilial HBV transmission plays a major role in HBV transmission in Kurdistan province.

Alavian SM, et al. Seroprevalence of Hepatitis B Virus Infection and Its Risk Factors in the West of Iran: A Population-based Study. Int J Prev Med. 2012





Jundishapur J Microbiol. 2012;5(4):564-569. DOI: 10.5812/jjm.4156



Seroepidemiology of HBV Infection in Kermanshah- West of Iran; A Population Based Study

Seyed Moayed Alavian<sup>1\*</sup>, Seyed Vahid Tabatabaei<sup>2</sup>, Samad Nourizad<sup>3</sup>, Feyzollah Mansouri<sup>3</sup>, Nahid Khademi<sup>3</sup>, Sedigheh Amini Kafi-abad<sup>4</sup>, Ahmad Gharehbaghian<sup>4</sup>, Hassan Abolghasemi<sup>4</sup>

<sup>1</sup> Baqiyatallah University of Medical Sciences, Baqiyatallah Research Center for Gastroenterology and Liver Disease, Tehran, IR Iran
<sup>2</sup> University of Muenster, St. Marien Hospital GmbH, Gastroenterology Clinic, Lunen, Germany
<sup>3</sup> Kermanshah University of Medical Sciences, Kurdistan, IR Iran

- The prevalence of HBsAg and HBc Ab in Kermanshah was 0.75% and 8.28%, respectively. Predictors of HBsAg or HBc Ab in multivariate analysis were: old age, being male, history of tattooing and history of dental procedure.
- Conclusions: Age, sex and history of tattoo and dental procedures are major risk factors of HBV sero-positivity in this province.

Alavian S, et al. Seroepidemiology of HBV Infection in Kermanshah-West of Iran; a Population Based Study. Jundishapur J Microbiol. 2012



The prevalence of hepatitis B antigen-positivity in the general population of Mashhad, Iran

Farhad Fathimoghaddam <sup>1</sup>, Mohammad Reza Hedayati-Moghaddam <sup>1\*</sup>, Hamid Reza Bidkhori <sup>1</sup>, Sanaz Ahmadi <sup>1</sup>, Hamid Reza Sima <sup>1, 2</sup>

- The overall prevalence of HBs Ag positivity was 1.39% ; 2.0% and 0.89% among men and women, respectively.
- Infection was more prevalent in older (p = 0.019) and married persons (p = 0.001), Afghanis (p = 0.046), and those with a history of traditional cupping (p = 0.005).
- Conclusion: It seems that the prevalence of HBV infection in Mashhad is slightly lower than that of the nation.

Fathimoghaddam F, et al. The prevalence of hepatitis B antigen-positivity in the general population of Mashhad, Iran. Hepat Mon. 2011



Distribution and Risk Factors of Hepatitis B Virus Infection in the General Population of Central Iran

Mohammad Reza Ghadir 1°, Mojtaba Belbasi 2, Akram Heidari 3, Mahboobeh Jandagh 4 , Iman Ahmadi 4, Hosseinali Habibinejad 5, Alireza Kabiri 2, Amir Hossein Ghanooni 4, Abolfazl Iranikhah6 , Seyed Moayed Alavian 7

- A total of 3690 samples were collected from 7 rural clusters and 116 urban clusters. The prevalence rate of hepatitis B infection in Qom Province was 1.3%. The mean age of the patients with hepatitis B was 44.17 years. The prevalence of hepatitis B was 1.6% in men and 1.1% in women.
- Moreover, the prevalence of hepatitis B correlated positively with age, tattooing, and literacy level.

Ghadir MR, et al. Distribution and risk factors of hepatitis B virus infection in the general population of Central Iran. Hepat Mon. 2012;





#### REVIEWS

#### The Changing Epidemiology of Viral Hepatitis B in Iran

Seyed Moayed Alavian<sup>1</sup>, Farahnaz Fallahian<sup>1</sup>, Kamran Bagheri Lankarani<sup>2</sup>

Research Center for Gastroenterology and Liver Disease, University of Medical Sciences, Baqiyatallah.
 Gastroenterohepatology Research Center, University of Medical Sciences, Shiraz, Iran

#### Abstract

Hepatitis B virus (HBV) prevalence has decreased dramatically in Iranian population during the last decade, and now it is classified as having low endemicity for hepatitis B infection. Improvement of the people's knowledge about HBV risk factors, national vaccination program since 1993 for all neonates, and vaccination of high risk groups could from chronic HBV infection. Of these, 75% are Asians (1,2). Hepatitis B infection is the 10th leading cause of death worldwide, and results in 500,000 to 1.2 million deaths per year caused by chronic hepatitis, cirrhosis, and hepatocellular carcinoma (HCC). HCC accounts for 320 000 deaths per year (3). The prevalence of HBV infection varies widely, with rates ranging from 0.1% to 20% in different parts of the world (3). Overall, 45% of the world nonulation

Alavian SM, et al. The Changing Epidemiology of Viral Hepatitis B in Iran. J Gastrointestin Liver Dis. 2007



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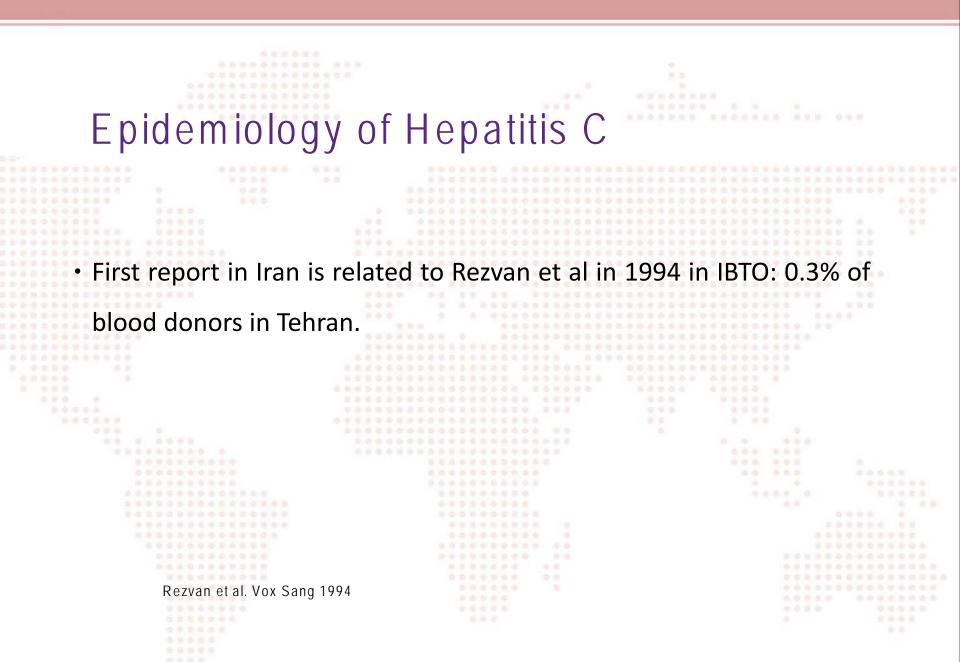
# Hepatitis C Virus Infection Epidemiology

Given the high coverage of HBV vaccination in infants and implementation of HBV vaccination programs among adolescent in Iran, HCV seems to emerge as the leading cause of viral hepatitis-related advanced liver disease and death in the near future.



### Risk Factors Associated With Acquiring HCV Infection

- Transfusion, transplant from infectious donor (1992)
- Injecting drug use and Incarceration
- Occupational blood exposure (needle sticks)
- Birth to an infected mother
- Infected sex partner
- Multiple heterosexual partners
- Tattooing
- Health-care related transmission:



#### Table 3 Logistic regression analysis of risk factors

Risk factor	Odds ratio	95% CI
Extramarital sexual activities	42.2*	5.3-335.7
Being wounded at war	5.2*	1.2 - 21.9
History of undergoing endoscopy	4.0*	1.3 - 12.5
i.v. drug abuse	52.8*	6.8-412.0
Needle-stick	8.9	0.8-93.9
Non-i.v. drug abuse	34.4*	4.2 - 278.2
Transfusion history	17.0*	7.0-41.0

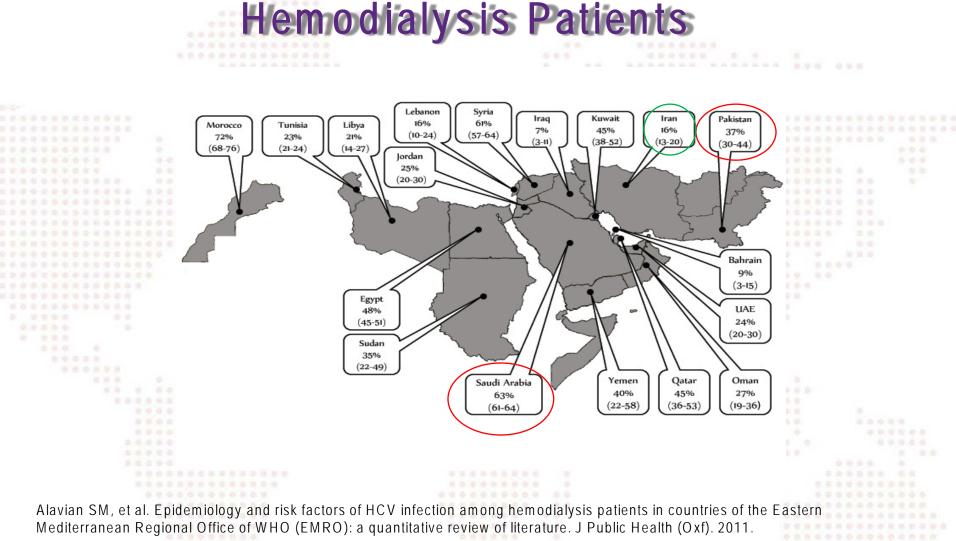
\*Odds ratio is statistically significant. CI, confidence interval; i.v., intravenous.

Alavian et al. J Gastro & Hepatology 2002 (0.12% were HCV positive)

In a study in three prisons in three central provinces of Iran (Isfahan, Lorestan, Chaharmahal va Bakhtiari) in 2003 in male prisoners who were arrested because of their addiction

- 3.5% were HBs Ag positive and 35.8% were HCV antibody.
  - According the age, the infection with HBV and HCV were more common in younger than 30 yrs. old.
- Isfahan , Lorestan and Chaharmahal va Bakhtiari: Addicted arrested respectively, 28.5%, 50%, 53.% HCV infected
- IUDs, Tattooing history, In jail more than 5 years were important
- In Conclusion: Potentiating of harm reduction program ,Education for dangerous behavior,

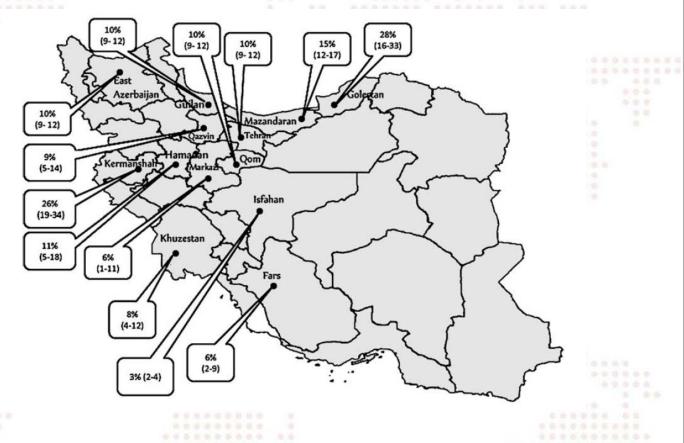
Javadi et al. Prevalence of HBV and HCV infections and associated risk factors in addict prisoners. Iran J Public Health. 2006



Office of WHO (E)



Fig. 2 Geographical distribution of HCV infection in hemodialysis patients in Iran



Alavian SM, et al. Epidemiology and risk factors of HCV infection among hemodialysis patients in countries of the Eastern Mediterranean Regional Office of WHO (EMRO): a quantitative review of literature. J Public Health (Oxf). 2011.

Hemodialysis International 2008; 12:378-382

#### Hepatitis B and C in dialysis units in Iran: Changing the epidemiology

Seyed Moayed ALAVIAN,<sup>1</sup> Kamran BAGHERI-LANKARANI,<sup>2</sup> Mitra MAHDAVI-MAZDEH,<sup>3,4</sup> Shahram NOUROZI<sup>4</sup>

Prevalence of positive HBS Ag and HCV Abs in patients on

hemodialysis decreased from 3.8% and 14.4% in 1999 to 2.6% and

4.5% in 2006, respectively.

Alavian SM, et al. Hepatitis B and C in dialysis units in Iran: Changing the epidemiology. Hemodial Int. 2008

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Lack of Knowledge About Hepatitis C Infection Rates Among Patients With Inherited Coagulation Disorders in Countries Under the Eastern Mediterranean Region Office of WHO (EMRO): A Meta-Analysis

Seyed Moayed Alavian<sup>1</sup>, Seyed Hossein Aalaei-Andabili<sup>1\*</sup>

- The estimate of HCV infection among patients with inherited coagulation disorders was 48.07% in Iran, 36.03% in Pakistan, and 48.27% in all the EMRO countries taken together.
- It was interesting that no data was available from Egypt with 4141 hemophilia patients.
- No any relevant study in our search from Bahrain, Kuwait, Jordan, Lebanon, Libya, Oman, Qatar, Emirates, Yemen, Sudan, Djibouti, Syria, Morocco, Somali and Afghanistan concerning HCV prevalence in their hemophilia patients.

Alavian SM, Aalaei-Andabili SH. Lack of Knowledge About Hepatitis C Infection Rates Among Patients With Inherited Coagulation Disorders in Countries Under the Eastern Mediterranean Region Office of WHO (EMRO): A Meta-Analysis. Hepat Mon. 2012; OFFICIAL JOURNAL OF THE INTERNATIONAL

Liver International ISSN 1478-3223

#### CLINICAL STUDIES

### Peginterferon $\alpha$ -2a and ribavirin treatment of patients with haemophilia and hepatitis C virus infection: a single-centre study of 367 cases

Seyed-Moayed Alavian<sup>1</sup>, Seyed Vahid Tabatabaei<sup>1</sup>, Maryam Keshvari<sup>2</sup>, Bita Behnava<sup>1</sup>, Seyyed Mohammad Miri<sup>1</sup>, Pegah Karimi Elizee<sup>2</sup> and Kamran Bagheri Lankarani<sup>3</sup>

Two hundred and twenty-five subjects (**61%**) achieved SVR, 66 patients relapsed and 30 subjects did not respond and nine patients developed breakthrough during treatment.

In a multivariate logistic regression model, **age<24** odds ratio (OR) = 1.8, **genotype non-1** OR= 1.8, **BMI<25** OR= 2.1 and **HCV RNA<600 000** IU/ml OR= 1.7 were independent predictors of SVR.

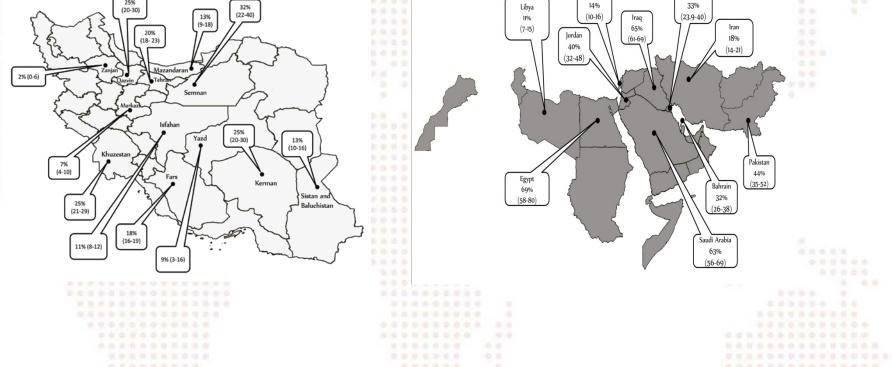
Alavian SM, et al. Peginterferon alpha-2a and ribavirin treatment of patients with haemophilia and hepatitis C virus infection: a single-centre study of 367 cases. Liver Int. 2010

Kuwait

Lebanon

#### **Epidemiology of HCV Infection among Thalassemia Patients in Eastern Mediterranean Countries: a Quantitative Review of Literature**





Alavian SM, et al. Epidemiology of HCV Infection among Thalassemia Patients in eastern Mediterranean Countries: a Quantitative Review of Literature. Iran Red Cres Med J. 2010

### Treatment of chronic hepatitis C in polytransfused thalassaemic patients: a meta-analysis

S.-M. Alavian and S.-V. Tabatabaei Baqiyatallah University of Medical Sciences, Research Center for Gastroenterology and Liver Disease, Tehran, Iran

In a meta-analysis determined that addition of ribavirin

to conventional IFN increases SVR rates by twofold, from

30% to 61%, similar to non-thalassaemic patients.

We also determined that Genotype 1-infected patients

significantly benefit from the addition of ribavirin to IFN

monotherapy.

Alavian SM, Tabatabaei SV. Treatment of chronic hepatitis C in polytransfused thalassaemic patients: a meta-analysis. J Viral Hepat. 2010

#### Low Dose Ribavirin for Treatment of Hepatitis C Virus Infected Thalassemia Major Patients; New Indications for Combination Therapy

Seyed Vahid Tabatabaei<sup>1</sup>, Seyed Moayed Alavian<sup>1\*</sup>, Maryam Keshvari<sup>2</sup>, Bita Behnava<sup>1</sup>, Seyyed Mohammad Miri<sup>1</sup>, Pegah Karimi Elizee<sup>2</sup>, Farhad Zamani<sup>3</sup>, Sedigheh Amini Kafiabad<sup>2</sup>, Ahmad Gharehbaghian<sup>2</sup>, Bashir Hajibeigy<sup>2</sup>, Kamran Bagheri Lankarani<sup>4</sup>

 Treatment of HCV infected patients is important strategy for control of HCV infection in thalassemia group.

 Sustained virological response (SVR) was significantly higher in patients who received ribavirin (51 % vs. 38 % P = 0.02). In multivariate regression, OR of ribavirin for prediction of SVR was 2.2 (95 % Cl 1.24-3.91)

Tabatabaei SV, Alavian SM, et al. Low dose ribavirin for treatment of hepatitis C virus infected thalassemia major patients; new indications for combination therapy. Hepat Mon. 2012

#### Hepatitis C Infection in the General Population of Iran: A Systematic Review

Seyed Moayed Alavian 1\*, Masoud Ahmadzad-Asl 2, Kamran Bagheri Lankarani 3, Mohammad All Shahbabale 2, Amlr Bahraml Ahmadl 2, All Kablr 2

- Eight eligible studies reported a prevalence of HCV infection in the general population in Iran.
- They were from six (out of 30) provinces, in which about 43 percent of the country's population lives. We calculated that the HCV infection prevalence rate in Iran is 0.16%.
- Conclusions: In comparison with similar studies, the prevalence of HCV infection in Iran is low.

Alavian SM, et al. Hepatitis C Infection in the General Population of Iran: A Systematic Review. Hepat Mon. 2009





	Iran	Pakistan	Saudi Arabia
Country's Population (000)	71 000	167 000	19 300
Year	2006	2008	2011
HCV Antibody Positive (000)			
Total Cases	275	8010	143
	(189 - 360)	(5792 - 9920)	(116 - 368)
Prevalence	0.4%	4.8%	0.7%
	(0.3% - 0.5%)	(3.5% - 5.9%)	(0.6% - 1.9%)
Year of Estimate	2006	2008	2011
Viremic Infections (000)			
Total Viremic Cases	170	7001	100
	(117 - 223)	(5062 - 8670)	(81 - 257)
Viremic Prevalence	0.2%	4.2%	0.5%
	(0.2% - 0.3%)	(3.0% - 5.2%)	(0.4% - 1.3%)
Viremic Rate (%)	62%	87%	70%
Year of Estimate	2006	2008	2011
Genotypes (%)			
la	40%	5%	13%
1b	12%	1%	26%
1 Other	1%	1%	_ **
1	53%	7%	39%
2	1%	4%	4%
3	28%	79%	5%
4	1%	2%	53%
5	_	0%	_
6	-	0%	-
Other	17%	8%	-
Year of Estimate	2004	1996 - 2011	2003
Diagnosed (Viremic)			
Total Cases	60 000	1 050 000	20 100
Annual Newly Diagnosed	6000	100 000	2000
Year of Estimate	2013	2010	2013
Treated			
Annual Number Treated	4500	85 000	1900
Year of Estimate	2011	2011	2009
Liver Transplants			0 0 0 0
Total Liver Transplants	590	300	146
HCV Liver Transplants	94	225	72
% due to HCV	16%	75%	49%
Year of Estimate	2013	2012	2012

Liakina V, Hamid S, Tanaka J, Olafsson S, Sharara AI, Alavian SM, et al. Historical epidemiology of hepatitis C virus (HCV) in select countries .J Viral Hepat. 2015

# The present and future disease burden of hepatitis C virus infections with today's treatment paradigm

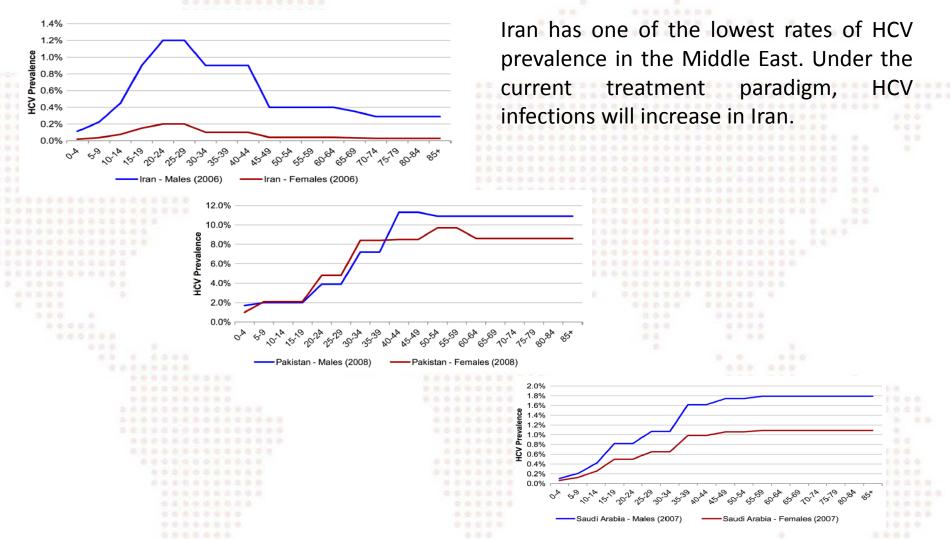
	Iran
Viremic HCV Infections (	
2014 Est.	186
2030 Est.	213
Percent Change	14%
HCC Cases	
2014 Est.	110
2030 Est.	330
Percent Change	195%
Liver Related Mortality	
2014 Est.	140
2030 Est.	430
Percent Change	215%
Decompensated Cirrhosis	
2014 Est.	150
2030 Est.	660
Percent Change	350%
Compensated Cirrhosis	
2014 Est.	3500
2030 Est.	10 800
Percent Change	210%

In 2007, it was estimated that 75% of the infected population in Iran had been infected by IDU. Based on expert opinion, 4% of all HCV cases were infected via transfusion procedures. The majority of new cases are due to IDU, which is reflected in the young age distribution.

In 2014, there were an estimated 186 000 (123 000–250 000) viraemic individuals in Iran, increasing 14% to 213 000 individuals in 2030.

Sibley A, Han KH, Abourached A, Lesmana LA, Makara M, Jafri W, **Alavian SM** et al. The present and future disease burden of hepatitis C virus infections with today's treatment paradigm. J Viral Hepat. 2015

### Younger HCV infected patients in Iran



Liakina V, Hamid S, Tanaka J, Olafsson S, Sharara AI, **Alavian SM**, et al. Historical epidemiology of hepatitis C virus (HCV) in select countries .J Viral Hepat. 2015

# Strategies to manage hepatitis C virus infection disease burden 2014-2030 in Iran

- Iran is low prevalence for HCV infection in the region.
- The future number of treated patients was capped by (i) number diagnosed, (ii) number eligible and (iii) unrestricted cases. The latter related to implicit (defined by physician's practice) and/or explicit (defined by treatment guidelines) restrictions.
- Patients with decompensated cirrhosis, irrespective of genotype, were considered ineligible for any treatment that involved Peg-IFN.
- According to the literature, approximately 40–60% of HCV patients are eligible for Peg-IFN/RBV treatment.

# Strategies to manage hepatitis C virus infection disease burden 2014-2030 in Iran

- We have three strategy:
- The **base strategy** was defined as the case when all assumptions (number of treated patients, percent of patients eligible for treatment, and... the average SVR) remained the same as today. **It is not accepted now.**
- In the second strategy, the impact of increasing the SVR of therapies was considered.
- The third scenario included an increase in both SVR and treatment uptake.

 Total Infected Cases (Viremic) - Iran

 250,000

 200,000

 150,000

 150,000

 50,000

 50,000

 50,000

 Base Case

 Increased Efficacy Only

 Increased Efficacy & Treatment

#### Increased efficacy only

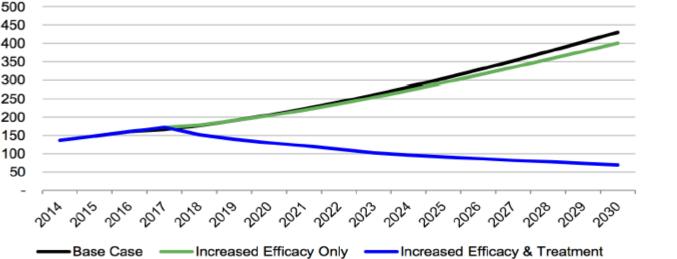
There would be 26 700 fewer viremic individuals in 2030, a 13% reduction as compared to the base case.

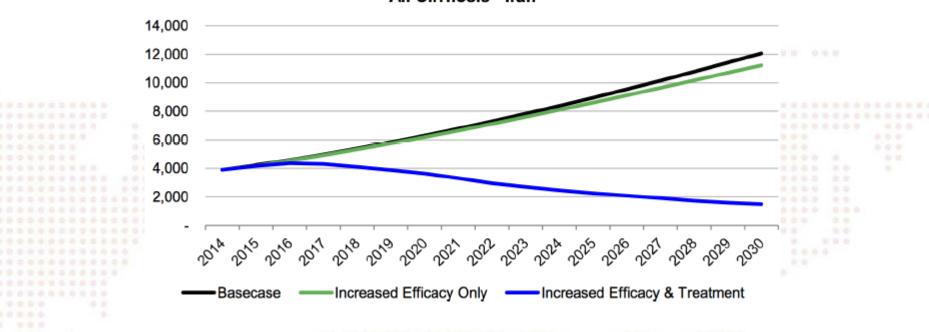
Increased efficacy & treatment uptake 90% reduction in the total numbers of viremic individuals, representing 196 000 fewer viremic individuals in 2030, relative to the base case.

Liver-related Deaths - Iran

Base Case Increased Efficacy Only Increased efficacy only The number of liver-related deaths would decrease by 7% from the base, with 400 deaths in 2030.

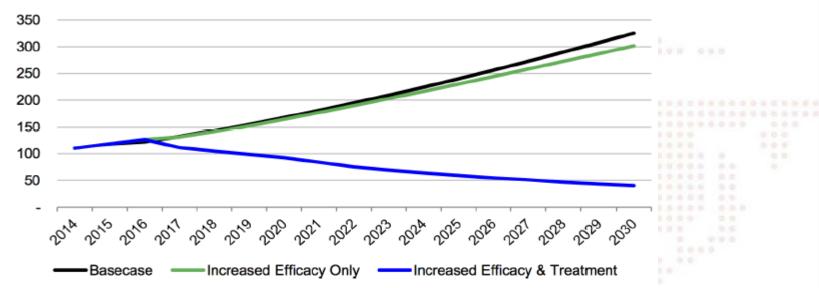
Increased efficacy & treatment uptake The number of liver-related deaths would decrease by 85% from the base, with 70 deaths in 2030.





All Cirrhosis - Iran

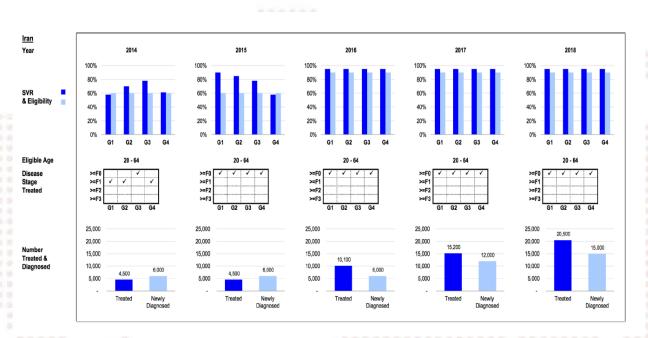
Increased efficacy onlyIncreased efficacy & treatment uptakeDecompensated and compensated cirrhosisDecompensated and compensated cirrhosiswould decrease by 10% and 7% from thebase, with 590 and 10 100 cases in 2030.base, with 590 and 10 100 cases in 2030.base, with 140 and 1300 cases in 2030.



Total HCC Cases - Iran

Increased efficacy only The number of HCC cases in 2030 was estimated at 300 cases, a 7% decrease from the base case. Increased efficacy & treatment uptake The number of HCC cases in 2030 was estimated at 40 cases, a 90% decrease from the base case.





While increasing efficacy has moderate declines in all HCV-related indicators, an aggressive treatment strategy would eliminate HCV in Iran, bringing the viremic prevalence to approximately 0.02% by 2030.

Increase treatment by 5000 individuals every year starting in 2016 until reaching a maximum treatment of 20 500 in 2018. By treating over 20 000 individuals annually for 5 years, the treatment could then decrease to below current levels by 2030. Due to the large numbers of individuals being treated, there would need to be an increase in diagnosis rate to keep pace with the treatment rate. Utilizing a birth cohort with the young infected population could make diagnosis, treatment and thus **elimination, a real possibility in Iran.** 

هداندام مد منعن مشبوی جا هدیر . درمن مدوّع سند و هند و شده و منع شد .

، یا مذام برای بنیغ دجترن در می خرد. ما سایت .

اشتاه را با ا نساه ستران اجسح او

در محمط ها با ساید و با سام مس مرب مربع جند محفین بیدا سف و هنرمد دفت ورکار خو معقب دور مرب بیشرفتی بید ا محر اهر س

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ببابا قرار وسه ويوتيا لأكن ترج

بد رماجت محمول برزي

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في دوني الم مع المع و

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بهار دور در ایرا د مین را ا

ارغرى الم فاطير

مرل مدم مرتب وجرب على الل الم الرعد من ا المالي ما والمالي والملكي المدير التماره المراج مر فالد المنا و و وال ال و و الم الو -ليس من من من من ما الما من المدار الم معتدد دارای نفاست دیسی دولون برزی لال تری مین دهد بر ایر نظر براین ها از معد در از ده سی ما المعدد والذي للا مع مل مت و در مد الي الحال در عد رعه ديملوب عدا شدد مداري من لدومن ديزراد هر سي سر مد تا مري مدایدان بعنی دوردارد دید عسی کال سردن عرالی دمای ر و عدف دراعدام حول لمدد دورور من ماجرا ما ده دور مراجر المراج ودعف مدمد والمرج الهديد ( ورجد عراف درد مرجر دالين ) ومن لدار ولد بر مال مد حفا دروى ا دخ ما م در جنت بای ورد رمی سه دس د این صابعی سکر در مد والدو شرور مع المن مولى موطرى ميشر تاكان ف از بادر به مر ما دور مرد هر او مر الله و مر الله و مر مر المر المر مرد مرد المر من ار عد معاى دردى در ار ال المايى آ ما مروح م آ ى برها هر و ب د و با ۵۲ ب- مرقا این سالیلید وی وندنادر م مح در در و حی M ا معاد مرى فداد در دار عفومها مدايمي دروار أبها مرده م آی تو ها هوه ۱۸ K (عندستی تر) سی) این مار و این مرجز باط ] وس دون نوراد به عنوریای تو معنی روس می زد.