



Caspian Apiaries Inc
BE • HEALTHY • WITH • BEE

Effect of Apitherapy Products on Contagious & Autoimmune Diseases

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Our Research Group



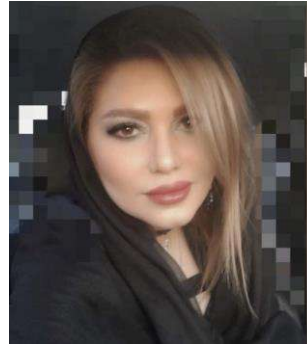
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Hossein Yeganeh Rad (CEO)



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5)Dr.Milad Heydari

Acinetobacter Symptoms

Acinetobacter is an opportunistic bacterium that causes a variety of different diseases with different symptoms.

- Pneumonia
- Bloodstream infections (bacteremia and sepsis)
- Meningitis (an infection or inflammation of the meninges, the membranes covering the brain and spinal cord)
- Wound and surgical site infections, including the "flesh-eating" bacterium necrotizing fasciitis
- Urinary tract infections (UTI)



Acinetobacter Risks

Healthy people have a very low risk of getting an *A. baumannii* infection, according to the CDC. The following factors increase the risk of infection:

- Having a weakened immune system
- Chronic lung disease
- Diabetes
- Lengthy hospital stays
- Illnesses that require the use of a hospital ventilator
- Having an open wound treated in the hospital
- Treatments requiring invasive devices like urinary catheters

Epidemiology



FIGURE 2: Single ulcer exuding a foetid, thick yellow-green secretion.

Group B streptococcus (GBS), also known as *Streptococcus agalactiae*, was once considered a pathogen of only domestic animals, causing mastitis in cows. Although asymptomatic vaginal carriage of GBS was described in 1935, the first report of GBS sepsis in a neonate was not reported until 1964. Since the 1970s, GBS is recognized as one of the most common causes of neonatal infectious morbidity and mortality in developed countries. GBS causes significant maternal and perinatal morbidity, asymptomatic bacteriuria in pregnancy, and urinary tract and other infections in the adult non pregnant population. The virulence of *S.agalactiae* is related to the polysaccharide toxin it produces. Immunity is mediated by antibodies to the capsular polysaccharide and is serotype specific. Several serotypes are known, including Ia, Ib, Ic, II, III, IV, V, VI, VII, and VIII.

Pathogen for Many Illnesses

Bacteria: they live in our intestines, on our skin, in the soil, and in our food. In fact, without bacteria, we would not be able to live. There are a huge number of bacteria with whom we have formed a cooperative relationship, even the ones that make us sick in larger quantities. So why is it that bacteria seem to have such a bad reputation? Look no further than the bacterium *Streptococcus pyogenes*. This little bug is responsible for hundreds of millions of illnesses in the world each year. These include some of the most familiar illnesses and some of the most sensationalized illnesses we see in the media. Its effects can range from mildly annoying to lethal.



HPV



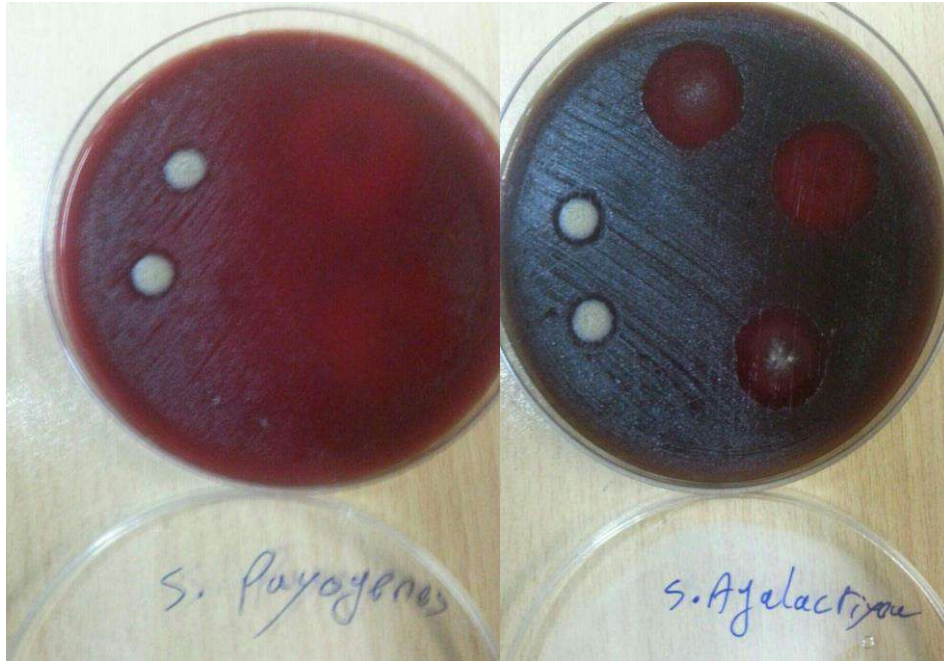
HPV is the most common sexually transmitted infection (STI). HPV is a different virus than HIV and HSV (herpes). 79 million Americans, most in their late teens and early 20s, are infected with HPV. There are many different types of HPV. Some types can cause health problems including genital warts and cancers. But there are vaccines that can stop these health problems from happening.

After working on 4 patients who were diagnosed HPV positive, we started treatments with Api products, and after 3-6 months results confirmed negative HPV.

All 4 patients who consumed royal jelly / N chromosome royal jelly, honey and Propolis also used bee venom crème, N chromosome crème, queen cells wax creme and Propolis. In most cases, HPV goes away on its own and does not cause any health problems. But when HPV does not go away, it can cause health problems like genital warts and cancer. It requires colonial study to understand the effectiveness of the products.

The effects of bee product on resistant bacterial to antibiotic

By: Mehran Mohammadi



N chromosome royal jelly, bee venom and Propolis effects on HIV, HPV, gland Bartholin, other sex transmitted diseases



On going project



Autoimmune Diseases

autoimmune diseases is autoantibodies, which are antibodies directed towards our own tissues (autoantigen) instead of foreign material. The binding of autoantibodies to our tissues leads to the activation of white blood cells and other accessory components of our immune system, resulting in a massive inflammation and destruction of cells and tissues (see figure).

Current therapies of antibody-mediated autoimmune disease focus on reducing the amount of autoantibodies by using general immunosuppressant such as corticosteroids or chemotherapy, by physical removal of antibodies by a process called plasmapheresis, or by using other antibodies towards the antibody producing white blood cells.



N Chromosome Larva



N Chromosome Royal Jelly

Sample	Text	Amount	Unit
Royal Jelly	Fat	0.09	100/g
Royal Jelly	Protein	14.36	100/g
N Chromosome	Fat	0.95	100/g
N Chromosome	Protein	2.88	100/g


Name	Arash M	Amir M	Benyamin R	Bahareh A
Age	1 ½ year	7 years	7 years	12 year
Gender	Male	Male	Male	Female
Type of Cancer	Blood Cancer	Blood Cancer	Blood Cancer	Uterine Sarcoma
Duration of Cancer	1 years	3 years	3 years	N/A
White Blood Cell (BT)	1.8 X10³/ mm³	2.6 X10³/ mm³	3.6 X10³/ mm³	1 X10³/ mm³
White Blood Cell (AT)	4.7 X10³/ mm³	4.6 X10³/ mm³	6.3 X10³/ mm³	3.1 X10³/ mm³
Result Time	120 days	95 days	90 days	70 days
Consume time	6-7 months	6-7 months	6-7 months	6-7 months



These are some of the children undergoing chemotherapy and consuming n chromosome royal jelly



Lab Results




FARDIS CENTRAL LAB
(Specialty complex)
Clinical-Anatomical-Genetics
No35-15th - St. Ezzdin-Tel026-36541900-5

آزمایشگاه مرکزی فردیس - مجتمع تخصصی
کلینیکال-آناتومیکال-ژنتیک
اولین آزمایشگاه دارنده لوح کبیت آزمایشگاه مرجع سلامت در استان البرز
فردیس-خیابان پانزدهم-پلاک ۲۵-تلفن: ۰۲۶-۳۶۵۴۱۹۰۰-۵

شماره: ۳۴۲۷۴
نام: خردسال یارسا بیٹی پھار

پدیش: ۱۳۹۶/۰۲/۱۱
بیمه: تامین اجتماعی
سن: ۳ سال

پزشک: جناب آقای دکتر سید حسین حسینی
تلفن: ۰۲۶-۳۶۵۴۱۹۰۰-۵




Hormones Continue ..				
Vitamin D (25OH)	28	ng/ml	CLIA	Deficiency: <10 Insufficiency: 10-30 Sufficiency: 30-100 Toxicity: >100
Vitamin A	0.3	mcg/ml	HPLC	1-4 yrs: 0.2-0.4 7-12 yrs: 0.26-0.49 13-19 yrs: 0.26-0.72 >19 yrs: 0.3-0.8

Hematology				
Test	Result	Unit	Method	Reference Range
Complete Blood Count				
W.B.C	13200	/mm3		6000 - 16000
R.B.C	H▲ 6.06	Mil/mm3		3.9 - 5.1
Hemoglobin	11.8	gr/dl		11.1 - 14.1
Hematocrit	35.0	%		30 - 38
MCV	57.8	flit		
MCH	19.5	pg/ml		
MCHC	33.7	gr/dl		
Platelets	352000	/mm3		200000 - 550000
RDW-CV	H▲ 18.2	%		12.4 - 16.2
WBC Differential Count				
Neutrophil %	22.5	%		22 - 46
Lymphocyte %	63.8	%		37 - 73
Monocyte %	8.4	%		2 - 11
Eosinophil %	H▲ 5.2	%		1 - 4
Basophil %	0.1	%		0 - 1
RBC Morphology				
Anisocytosis	(++)			
Microcytosis	(+++)			
Hypochromia	(++)			
Poikilocytosis	(-)			
Schistocyte	Mild			
Ovalocyte	(-)			
Target cell (Thin cell)	(++)			
BSR 1 hr.	4	mm		up to 10
Hb Electrophoresis				
Hb F	1.3	%	Capillary Elec	0.1 - 2
Hb A	L▼ 96.0	%	Capillary Elec	96.5-98.5
Hb A2	2.7	%	Capillary Elec	1.5 - 3.5

Please , see the attached paper.

Iron deficiency decrease Hb A2 value . Test must be repeated after iron therapy.




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آزمایشگاه مرکزی فردیس - مجتمع تخصصی
کلینیکال-آناتومیکال-ژنتیک
اولین آزمایشگاه دارنده لوح کبیت آزمایشگاه مرجع سلامت در استان البرز
فردیس-خیابان پانزدهم-پلاک ۲۵-تلفن: ۰۲۶-۳۶۵۴۱۹۰۰-۵

شماره: ۳۴۲۷۶
نام: خاتم زهرا اذرع

پدیش: ۱۳۹۶/۰۲/۱۱
بیمه: تامین اجتماعی
سن: ۳۱ سال

پزشک: جناب آقای دکتر سید حسین حسینی
تلفن: ۰۲۶-۳۶۵۴۱۹۰۰-۵



Hormones				
Test	Result	Unit	Method	Reference Range
T4	8.3*	µg/dl	CLIA	1-3 day : 11-22 & 1-2 W: 9.8-16.6 1-12 M : 7-16.5 & 1-5 y : 7-18 5-10 Y : 5.6-12.7 & Adult : 4.3-12.6 Maternal serum: 15-40 weeks: 9.1-14.0
T3	119	ng/dl	CLIA	1-3 day : 100-740 & 1-11 M : 105-245 1-10 Y : 98-260 & 11-20Y : 80-213 20-50Y : 76-220 & 50-90Y : 40-187 Pregnancy : (Last 3 M 116-247)
TSH	4.94*	µIU/ml	CLIA	1-4 days: 1-39 & 2-20W: 1.7-9 5M - 20 Y : 0.7-6.4 21-54Y : 0.3-4.5 & 55-87 Y : 0.5-8.9 Pregnancy : First trimester: 0.3-4.5 Second trimester: 0.5-4.6 Third trimester: 0.8-5.2
Vitamin D (25OH)	26	ng/ml	CLIA	Deficiency: <10 Insufficiency: 10-30 Sufficiency: 30-100 Toxicity: >100

* = Rechecked

Hematology				
Test	Result	Unit	Method	Reference Range
Complete Blood Count				
W.B.C	8120	/mm3		4000 - 11000
R.B.C	H▲ 5.71	Mil/mm3		3.8 - 4.8
Hemoglobin	L▼ 11.6	gr/dl		12 - 16
Hematocrit	L▼ 35.6	%		37 - 40
MCV	62.3	flit		
MCH	20.3	pg/ml		
MCHC	32.6	gr/dl		
Platelets	255000	/mm3		145000 - 449000
RDW-CV	H▲ 16.8	%		11.6 - 14
WBC Differential Count				
Neutrophil %	66.2	%		50 - 70
Lymphocyte %	24.4	%		20 - 40
Monocyte %	7.6	%		3 - 12
Eosinophil %	1.8	%		0.5 - 5
Basophil %	0.0	%		0 - 1
RBC Morphology				
Anisocytosis	(-)			
Microcytosis	(++)			

تاریخ ترخیص: ۹۵/۱۱/۰۲

پزشک معالج: خدیجه ارجمندی رفسنجانی

نام: نیلوفر رسولی قرمی

تاریخ مراجعه: ۹۵/۱۱/۰۲

۷ ساله

تاریخ گزارش: ۹۵/۱۱/۰۲-۹۵/۱۱/۰۲

درخواست: ۹۵/۱۱/۰۲

شماره پرونده: 143327

مختبی

اولویت مراجعه: عادی

درخواست: ۶۱۳۹۲۹

Routine Hematology

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Reference value</u>	<u>Diff</u>	<u>Resu</u>
CBC & Diff					
W.B.C	6.3	$\times 10^3/\text{mm}^3$	4.0 - 10		
R.B.C	3.91	Mill/mm^3	M: 4.5-6.3; F: 4.2-5.4		
Hb	12.8	g/dl	M: 14-18; F: 12-16		
Hct	37.5	%	M: 39 - 52; F: 36 - 46		
M.C.V	95.9	fL	77 - 97		
M.C.H	32.7	Pgm	26 - 32		
M.C.H.C	34.1	g/dl	32 - 36		
Platelet	309	$\times 1000/\text{mm}^3$	140 - 440		
LYMPH%	26.9	%	4.0 - 10		
Lymph#	1.7	$\times 1000/\text{mm}^3$	4.0 - 10		
RDW	12.5	%	11-16		
PDW	11.1	FL	10-17		
MPV	10.1	FL	8.5-12.5		
P-LCR	24.7	%	17-45		

تاریخ مراجعه: ۹۵/۱۰/۲۵

۹۵/۱۰/۲۵

تاریخ گزارش: ۹۵/۱۰/۲۵-۹۵/۱۰/۲۵

شماره پرونده: 143327

۶۱۱۲۷۲

اولویت مراجعه: عادی

Routine Hematology

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Reference value</u>	<u>Diff</u>
** CBC & Diff				
W.B.C	3.6	$\times 10^3/\text{mm}^3$	4.0 - 10	
R.B.C	3.89	Mill/mm^3	M: 4.5-6.3; F: 4.2-5.4	
Hb	13	g/dl	M: 14-18; F: 12-16	
Hct	38.4	%	M: 39 - 52; F: 36 - 46	
M.C.V	98.7	fL	77 - 97	
M.C.H	33.4	Pgm	26 - 32	
M.C.H.C	33.9	g/dl	32 - 36	
Platelet	321	$\times 1000/\text{mm}^3$	140 - 440	
LYMPH%	66.9	%	4.0 - 10	
Lymph#	2.4	$\times 1000/\text{mm}^3$	4.0 - 10	
RDW	13.1	%	11-16	
PDW	9.9	FL	10-17	
MPV	9.1	FL	8.5-12.5	
P-LCR	18	%	17-45	

تاریخ مراجعه: ۹۵/۱۰/۲۵
تاریخ گزارش: ۹۵/۱۰/۲۵
شماره پرونده: ۱۴۳۳۲۷
اولویت مراجعه: عادی

۹۵/۱۰/۲۵
۶۱۱۲۷۲

Test	Result	Unit	Reference value	Diff
** CBC & Diff				
W.B.C	3.6	$\times 10^3/\text{mm}^3$	4.0 - 10	
R.B.C	3.89	Mill/mm^3	M: 4.5-6.3; F: 4.2-5.4	
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LYMPH%	66.9	%	4.0 - 10	
Lymph#	2.4	$\times 1000/\text{mm}^3$	4.0 - 10	
RDW	13.1	%	11-16	
PDW	9.9	FL	10-17	
MPV	9.1	FL	8.5-12.5	
P-LCR	18	%	17-45	

بیمارستان فوق تخصصی حضرت علی اصغر (ع)

کد بیمار: ۱۰۴۱۴۶
نام بیمار: یارید غلغله‌ری مقدم
سن: ۹ ساله
تاریخ درخواست: ۹۶/۱۱/۰۹
نام پدر: غلامرضا
کد برگه درخواست: ۶۲۷۹۲۱

تاریخ ترخیص: ۹۶/۱۱/۰۹
محل درخواست: آزمایشگاه خون
پزشک معالج: غلامرضا باهوش
تاریخ مراجعه: ۹۶/۱۱/۰۹
تاریخ گزارش: ۹۶/۱۱/۰۹
شماره پرونده: ۱۳۷۲۸۹
اولویت مراجعه: عادی

Test	Result	Unit	Reference value	Diff Result
Routine Hematology				
CBC & Diff				
W.B.C	1.0	$\times 10^3/\text{mm}^3$	4.0 - 10	
R.B.C	3.88	Mill/mm^3	M: 4.5-6.3; F: 4.2-5.4	
Hb	11.4	g/dl	M: 14-18; F: 12-16	
Hct	32.6	%	M: 39 - 52; F: 36 - 46	
M.C.V	84	fL	77 - 97	
M.C.H	29.4	Pgm	26 - 32	
M.C.H.C	35	g/dl	32 - 36	
Platelet	121	$\times 1000/\text{mm}^3$	140 - 440	
PDW	9.6	FL	10-17	
MPV	9.3	FL	8.5-12.5	

*: Rechecked, H: High, L: Low, **: Urgent
Location: آزمایشگاه
Technician: خدیجه چکامیان
Lab Director: مهتاب رهبر
Signature:

این برگه را به بیمارستان برگردانید
آزمایشگاه

Autoimmune Disease

N chromosome in combination with other bee products is effective on most autoimmune disease such as:

- ☐ Diabetes
- ☐ Wound management
- ☐ Eczema
- ☐ Psoriasis
- ☐ High cholesterol
- ☐ Blood pressure



Before



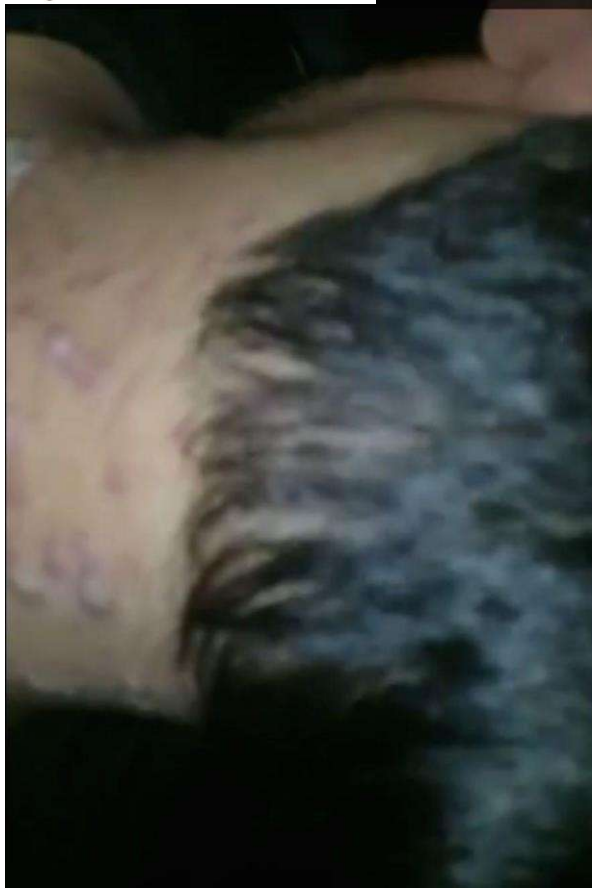
After



Before



After



Cosmetic Lines



Us vs. Them

- The difference between bee products and regular products the consumers get more natural vitamins, nutrients, proteins, and carbohydrates as a result.
- It is not only considered as a cosmetic but also can be used as a antimicrobials, anti aging, anti pain, anti inflammation, and recovery of autoimmune symptoms.
- These products also do not require preservatives it is an all natural base.