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**MALARIA IN GREECE IN 2016
RISK ASSESMENT AND PRECAUTIONS**



AGENDA

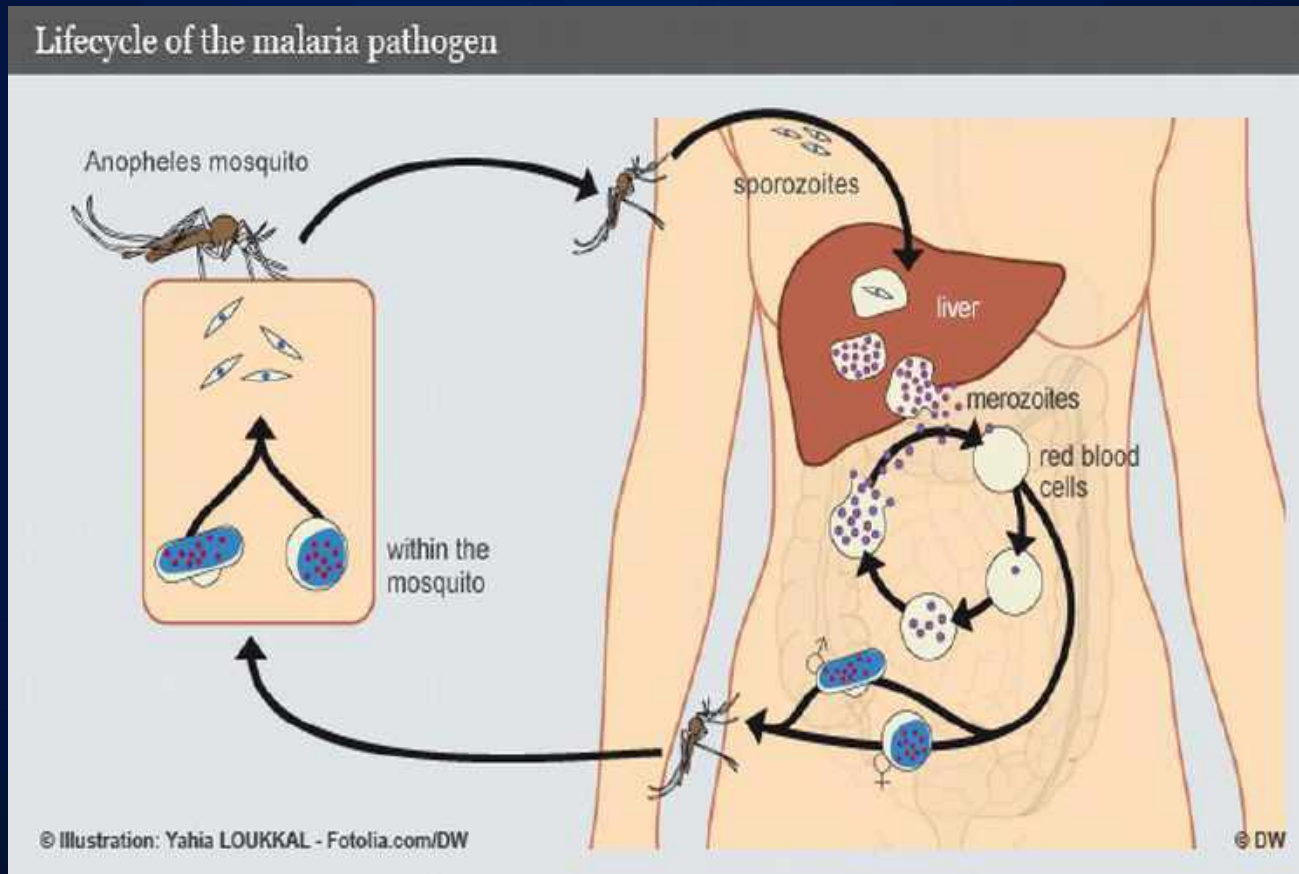
- 1. MALARIA: THE DISEASE**
- 2. EPIDEMIOLOGY OF MALARIA IN GREECE**
- 3. CONCLUSIONS**
- 4. QUESTIONS**



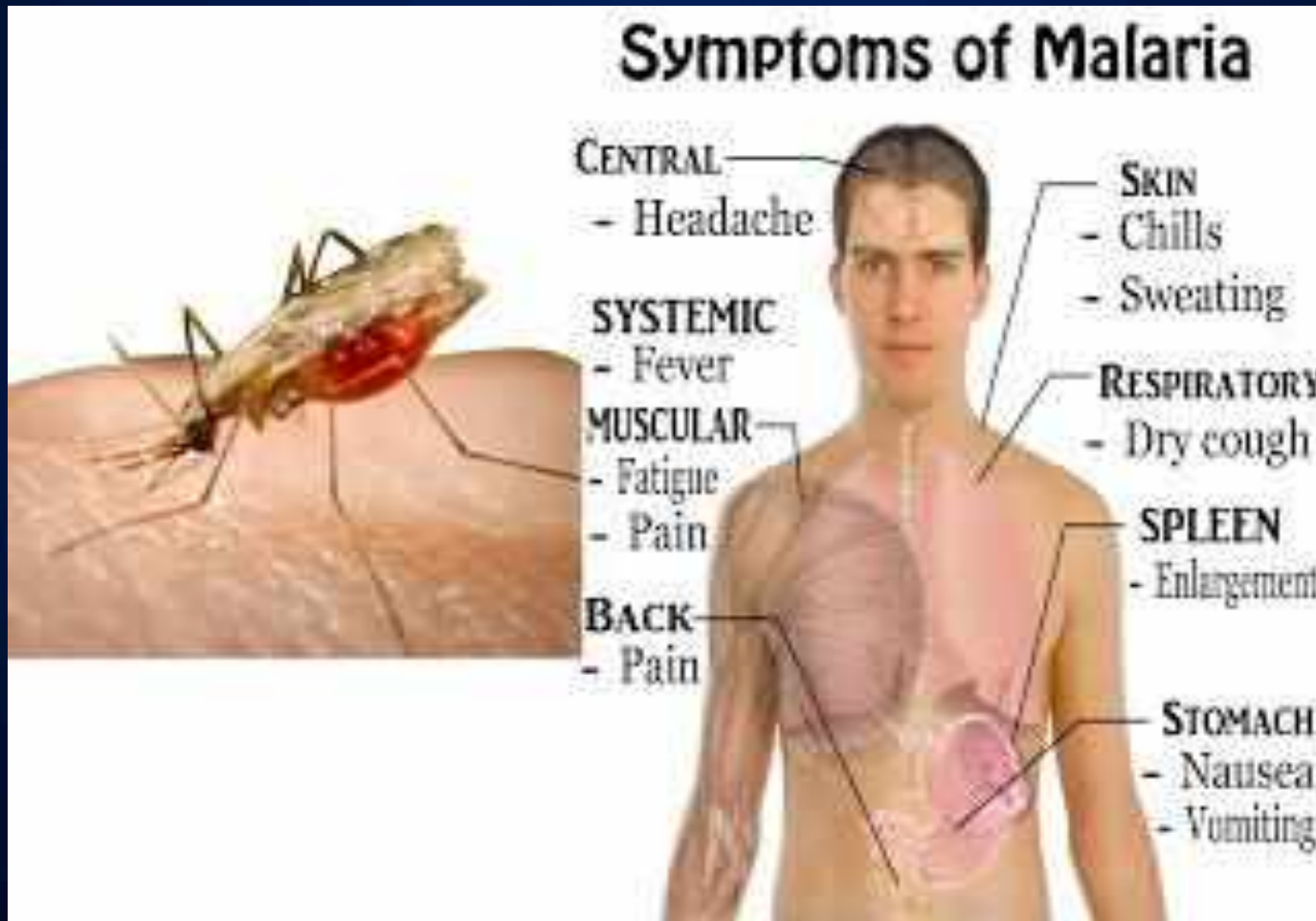
1. MALARIA: THE DISEASE

- a. Introduction**
- b. Transmission and incubation**
- c. Symptoms**
- d. Diagnosis**
- e. Prevention and therapy**

MALARIA: the disease



MALARIA: the disease





MALARIA: the disease



© BNI



MALARIA: the disease

-Therapy:

-antimalarials (*Malaron, Doxicyclin, Lariam etc.*)

- Prevention:

- Long sleeve clothes
- Insect-repellents
- Chemoprophylaxis
- Use Insect – nets, yellow colored lighting, air-conditioning
- Remove stagnant water, cut plants and grass.



MALARIA: epidemiology

- **1946-1960: national program against malaria**
- **1974: eradication of malaria in Greece**
- **- 2008: sporadic incidents in non-travelers**
- **2009 - : rise in non-travelers incidents -**



MALARIA: epidemiology

•2009 - :

Year	Classification of the incident		Total
	Imported	Possibly Indigenous	
2009	44	7	51
2010	40	4	44
<u>2011</u>	<u>54</u>	<u>42</u>	<u>96</u>
2012	73	20	93
2013	22	3	25
2014	38	0	38
2015*	54	6	60



2011: confronting malaria in Lakonia

The Actors:

- **KEELPNO (Centre of Control and Prevention of diseases.**
- **University of Thessaly**
- **National School of Public Health (department of parasitology, entomology and tropical diseases)**
- **National Health System (ministry of Health, Hospital, Medicals etc.)**
- **WHO, ECDC directives**



2011: confronting malaria in Lakonia

The principles:

- ✓ PREVENTION**
- ✓ DETECTION**
- ✓ TREATMENT**



2011: confronting malaria in Lakonia

The Actions:

- **Education of Medicals on Malaria**
- **Information and examination of immigrants (RDTs) – education on preventive measures and active supervised anti-malarian treatment**
- **Education of local society on preventive measures against malaria**
- **Use of impregnated mosquito nets at immigrants' camps.**
- **Endomological, environmental and epidemiological survey**
- **Continuous supervision and measures since 2011**



CONCLUSIONS

- ❖ **A Scenario of malaria endemic in Greece is realistic**
- ❖ **New arrivals of immigrant from endemic countries**
- ❖ **Need for early detection and treatment of malaria incidents**
- ❖ **need for early application of the recommended preventive measures and medical facilities (RDTs)**
- ❖ **Ensure satisfactory living conditions for the vulnerable populations**
- ❖ **Complete national and local program to exterminate mosquitoes**



QUESTIONS?

