Introduction

Congenital Vascular Malformations:

- One of the most common congenital & neonatal abnormalities with a diagnostic and treatment dilemma in Egypt.

Diagnostic and Treatment Dilemma in Egypt

CVMs were often misdiagnosed:
- After many unnecessary investigations (Duplex US, MRI with contrast, CTA & direct angiography) ending with one result:

PROBABLY VASCULAR MALFORMATION

Diagnostic and Treatment Dilemma in Egypt

CVMs were often left untreated:
Diagnostic and Treatment Dilemma in Egypt

- CVMs were often mistreated:

- They were often misdiagnosed & mistreated:

Even cases were sent to some centres abroad with no valuable outcome.

A new treatment strategy, based on a multidisciplinary approach, allows full integration of endovascular therapy to improve long-term treatment results with reduced morbidity and recurrence.

My Dream came true

- Vascular Malformation Center at IMC Egypt was founded by W.F. Yakes in 2005.
- A dedicated multidisciplinary team was created for serving patients with CVMs.
- A patient database following the ISSVA classification.
Spreading of CVM Knowledge in Egypt

2008, 1st Case in Egypt treated with Propranolol (2-3 mg/kgm.bw/day)

Before treatment
9-month age

Mid-Stage

After treatment
2-year age

Follow-up
6-year age

Infantile Hemangioma
Oral Propranolol (2-3 mg/kgm.bw/day)

15-month age

Spreading of CVM Knowledge in Egypt

Increasing public awareness:
Spreading of CVM Knowledge in Egypt

- Increasing public awareness:

One Center of Excellence
April 2016: 70 New Cases in OPC

IMC Vascular Malformations Workload 2005-2018

- 2-3 visits per year
- Increasing treatment sessions / visit gradually

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IMC Vascular Malformations Workload 2005-2018

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Current situation in Egypt

- Misdiagnosis and mistreatment are avoided
- Early Pick up of de-novo cases
- One center of excellence engaged with the largest malformation patient population with a dedicated vascular malformation team
- A full experience expert attending on regular basis which allowed for a faster ramp-up experience and minimized a steep learning curve with higher complication rates
Thank you for your kind attention