Tuberous Sclerosis

URL of this page: http://www.nlm.nih.gov/medlineplus/tuberoussclerosis.html

Also called: TSC, Tuberous sclerosis complex

Tuberous sclerosis is a rare genetic disease that causes noncancerous tumors to grow in the brain and other organs. Symptoms vary depending on the location of the tumors. Common symptoms include:

- Skin problems, such as light patches and thickened skin
- Seizures
- Behavior problems
- Learning disabilities
- Mental retardation
- Kidney problems

Some people have signs of tuberous sclerosis at birth. In others it can take time for the symptoms to develop. In some people the disease is mild, while in others it causes severe disabilities. In rare cases, tumors in vital organs or other symptoms can be life-threatening.

Tuberous sclerosis has no cure, but treatments can help symptoms. Options include medicines, educational and occupational therapy, dermabrasion, and surgery.

NIH: National Institute of Neurological Disorders and Stroke

Start Here


Overviews

  Also available in Spanish [http://espanol.ninds.nih.gov/trastomos/esclerosis_tuberosa.htm]

Diagnosis/Symptoms

  Also available in Spanish [http://www.tsalliance.org/documents/SPANISH%20Neuroimaging%20in%20TSC.pdf]
- Signs of TSC (Clinical Manifestations) [http://tsalliance.org/pages.aspx?content=480] (Tuberous Sclerosis Alliance)

Disease Management

Also available in Spanish

  Also available in Spanish

**Specific Conditions**

- Attention Deficit Hyperactivity Disorder and Tuberous Sclerosis Complex
  Also available in Spanish
- Dental Concerns in TSC [http://www.tsalliance.org/pages.aspx?content=583] (Tuberous Sclerosis Alliance)
- Epilepsy in Adults with TSC [http://www.tsalliance.org/pages.aspx?content=585] (Tuberous Sclerosis Alliance)
  Also available in Spanish
  [http://www.tsalliance.org/documents/SPANISH%20Epilepsy%20in%20Adults%20with%20TSC.pdf]
  Also available in Spanish
  [http://www.tsalliance.org/documents/SPANISH%20Heart%20Manifestations%20in%20TSC.pdf]
  Also available in Spanish
  [http://www.tsalliance.org/documents/SPANISH%20Mental%20Retardation%20in%20TSC.pdf]
  Also available in Spanish
- Types of Seizures Affecting Individuals with TSC [http://www.tsalliance.org/pages.aspx?content=606] (Tuberous Sclerosis Alliance)
  Also available in Spanish [http://www.tsalliance.org/documents/SPANISH-Types%20of%20Seizures%20Affecting%20Individuals%20with%20TSC.pdf]

**Related Issues**

- Seizure First Aid [http://www.tsalliance.org/pages.aspx?content=600] (Tuberous Sclerosis Alliance)
  Also available in Spanish [http://www.tsalliance.org/documents/SPANISH%20Seizure%20First%20Aid.pdf]

**Financial Issues**


**Clinical Trials**

- ClinicalTrials.gov: Tuberous Sclerosis
- Basic Introduction to Clinical Trials [http://www.tsalliance.org/pages.aspx?content=332] (Tuberous Sclerosis Alliance)

**Genetics**

Also available in Spanish

Research
- FDA Approves First Drug Formulated for Children with Rare Brain Tumor
  [http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm317385.htm] (Food and Drug Administration)

Journal Articles
References and abstracts from MEDLINE/PubMed (National Library of Medicine)
- Article: Renal transplant in a tuberous sclerosis patient with bilateral giant...
- Article: Combined bevacizumab and triamcinolone acetonide injections for macular edema in...
- Article: A magnetic resonance imaging study of cerebellar volume in tuberous...

Directories

Organizations
  Also available in Spanish [http://espanol.ninds.nih.gov/]
- Tuberous Sclerosis Alliance [http://www.tsalliance.org/]

Children
  Also available in Spanish
- Subependymal Giant Cell Tumor (SGCT) or Subependymal Giant Cell Astrocytoma (SEGA) [http://www.tsalliance.org/pages.aspx?content=602] (Tuberous Sclerosis Alliance) - PDF
  Also available in Spanish
- TSC Information for Teachers [http://www.tsalliance.org/pages.aspx?content=605] (Tuberous Sclerosis Alliance) - PDF
  Also available in Spanish
  [http://www.tsalliance.org/documents/SPANISH%20TSC%20Information%20for%20Teachers.pdf]
  Also available in Spanish [http://familydoctor.org/familydoctor/es/diseases-conditions/tuberous-sclerosis.printerview.all.html]
Teenagers

- Young Adult Guide of the Life Stages Program: A Resource Guide for Young Adults with Tubercous Sclerosis and Their Families [http://www.tsalliance.org/documents/Young%20Adult%20Guide.pdf] (Tubercous Sclerosis Alliance) - PDF

Patient Handouts

  Also available in Spanish [http://www.nlm.nih.gov/medlineplus/spanish/ency/article/000787.htm]

You may also be interested in these related encyclopedia pages:


You may also be interested in these related MedlinePlus topics:


The primary NIH organization for research on Tubercous Sclerosis is the National Institute of Neurological Disorders and Stroke [http://www.ninds.nih.gov]

Date last updated: 15 May 2013
Topic last reviewed: 13 May 2013