



TOURETTE'S SYNDROME AND HOMOEOPATHY

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Definition

Tourette's syndrome is an inherited (Syphilis), neurological disorder characterized by multiple involuntary movements and uncontrollable vocalizations called tics (Psora) that come and go over years.

These frequent motor and vocal tics begin between 2 and 15 years of age, and is marked by a changing sequence (Psora).

Onset

Classically, symptoms change slowly, with old tics disappearing and new tics replacing, or being added to preexisting tics (Psora).

Modalities

The tics commonly ameliorate during concentration or sleep (Psora), and aggravate with anxiety or tension (Psora). Tics can be suppressed, making it difficult for the diagnosis.

Some children have only one or two motor tics, or one vocal tic. These children may have other problems similar Tourette Syndrome, and this is called as Chronic Motor Tic Disorder, or Chronic Vocal Tic Disorder (Psora/ Syphilis).

Types

Tics are involuntary movements or vocalizations of variable intensity that are brief, sudden, frequent, unexpected, repetitive, purposeless, inappropriate and often irresistible (Psora). Motor and vocal tics may be simple or complex.

Motor tics

Simple Motor Tics

These are rapid, running, "meaningless" movements such as eye blinking, facial grimacing, head or nose-twitching, shoulder shrugging, abdominal tensing, frowning or rapid jerking of any body part (Psora).

Complex Motor Tics

These are slower, more "purposeful" appearing movements that are never the less involuntary and typically nonproductive. These include hopping, clapping, touching objects, touching one's self or others, throwing motions, arranging, gyrating, bending, self-biting, rolling the eyes to the ceiling (Sycosis/ Syphilis), holding funny expressions, sticking out the tongue, kissing, pinching, hitting, writing the same word over and over (Psora), or tearing paper or books (Psora). Echopraxia (repeating the actions of another) and copropraxia (obscene

gestures) (Sycosis/ Syphilis) are additional examples of complex motor tics (Psora/ Sycosis/ Syphilis).

Sensory tics

These can be sensations of pressure, tickle, warmth, cold or other abnormal sensations in the skin, bones, muscles or joints (Psora/ Sycosis). Sometimes odd sensations are the cause of motor tics.

Vocal tics

Simple Vocal Tics

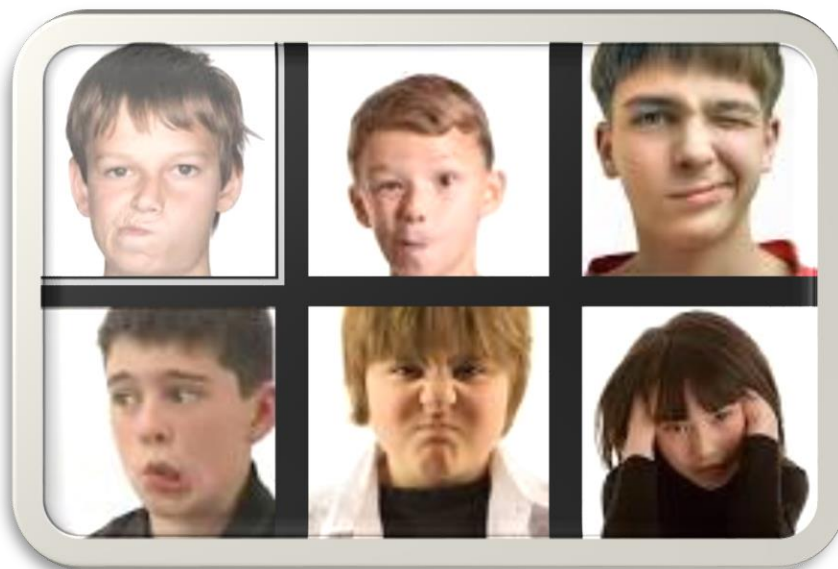
These are fast "meaningless" sounds such as whistling, sniffing, coughing, throat-clearing, barking, grunting, screeching, gurgling, hissing, sucking, and innumerable sounds such as uh-uh, ee-ee, and ah (Psora/ Syphilis).

Complex Vocal Tics

These are more recognizable, although inappropriate words, phrases or statements that are typically used repeatedly. For example, "Shut-up", "Stop that", "I'm going to do better, right?" Counting rituals or repeating a phrase until it is "just right" are additional examples. Coprolalia, an outburst of obscene language, inappropriate to the situation and impulsive, is the most well-known complex vocal tic. (Psora/ Sycosis/ Syphilis)

Course of tics

Commonly, the tics start in early years of age and increase in frequency or intensity before the onset of puberty, with an increase or decrease during adolescence, achieving a stable pattern in adulthood. The severity of tics fluctuates. (Psora)



Etiology

Tourette syndrome is a familial organic brain disorder (Syphilis). Boys are affected more than girls. Symptoms vary from person to person even in same family due to differences in brain chemistry. Some of the areas are the basal ganglia, frontal lobes, and limbic system appear somewhat strange in MRI studies. The neurochemicals, dopamine, serotonin, and norepinephrine are responsible for tics (Psora/ Syphilis). Some infections may precipitate or aggravate the symptoms of the disorder.

Signs and symptoms

The symptoms appear before the individual is 18 years old. The main symptom is tics. However, many people experience additional problems such as-

Sensory or subjective symptoms

- Children with TS often process sensory information differently.
- Low sensitivity to sensory input may result in the need for increased sensory stimulation, and seeking sensory experiences.
- Over sensitivity to sensory stimuli may result in the avoidance of activities which are over stimulating.

Behavioral disorders

- Obsessive compulsive behavior, characterized by an intense need to act repeatedly, such as hand washing or checking that a door is locked.
- Attention deficit-hyperactivity disorder, characterized by difficulty concentrating and staying on task.
- Autistic Spectrum Disorder (ASD) with often a desire for friends, but difficulty getting along with peers and following someone else's wishes.
- "Short-temper" and "everything being a confrontation" are main features. Anger and irritability are an intrinsic part of the disorder, at least partially due to the neurochemical makeup of the individual.

Sexual disorders

- An increase in sexual interest and sexual behaviors has also been reported. Behaviors may be verbal or physical.
- Children may touch themselves or others inappropriately, expose themselves, or have sexual language, either as a tic or a compulsive habit.
- Many times the sexual behaviors are really more infantile than strictly sexual, and can be dealt with using behavior modification techniques.

Echolalia and Echopraxia

- Children with TS may involuntarily echo both speech (echolalia) and behavior (echopraxia).
- Echoing of speech may consist of repeating things others say, repeating one's own words or phrases, e.g. the end of a sentence, or unusual repetitions of specific words and phrases.
- Echopraxia often creates additional social difficulties for a child when the mimicry is misunderstood by others.

Learning disorders

- Reading, writing and arithmetic difficulties.

Sleep disorders

- Frequent awakenings or talking in one's sleep.

Diagnosis

Generally, it is diagnosed by detailed case taking. For a diagnosis of TS to be made, both motor and phonic tics must be present for at least 1 year. Neuroimaging studies, like MRI, CT, and EEG, or certain blood tests may be used to rule out other conditions that might be confused with TS. It is a clinical diagnosis and there are no blood tests or other laboratory tests that definitively diagnose the disorder.

TREATMENT

Specific social skills training may help in treatment of TS. The emotional support and problem solving are also helpful.

Homoeopathic Treatment

Tourette syndrome- abies-c. acon-c. acon. act-sp. aesc. aeth. **AGAR**. agath-a. agn. all-c. aloe alum-p. alum-sil. **Alum**. alumn. am-c. **Am-m**. **Ambr**. aml-ns. amyg. **ANAC**. androc. **Ang**. **Ant-c**. ant-s-aur. **Ant-t**. apis aran. **Arg-met**. **Arg-n**. arn. **Ars-i**. ars-s-f. ars-s-r. **Ars**. art-v. **ARUM-T**. arund. **ASAF**. **Asar**. asc-t. aster. atra-r. atro. aur-m. aur. bamb-a. **Bar-c**. bar-i. bar-m. bar-s. **BELL**. berb. bism-met. bism. borx. bov. brom. bruc. **Bry**. bufo **CACT**. cadm-s. calad. calc-act. calc-f. **Calc-i**. calc-p. **Calc-s**. calc-sil. **Calc**. **Camph**. cann-i. **Cann-s**. cann-xyz. **Canth**. caps. carb-ac. carb-an. carb-v. **Carbn-s**. carc. carl. castm. **Caust**. **Cedr**. cerv. **Cham**. **CHEL**. **Chin**. **Chinin-s**. chl. chlol. chlor. choc. cic-m. **Cic**. **Cimic**. **CINA** cist. **Clem**. coc-c. **Cocc**. **Cod**. coff-t. **Coff**. colch. **Coloc**. **Con**. croc. **Crot-c**. crot-h. crot-t. cupr-ar. cupr-s. **Cupr**. cycl. cypr. cyt-l. cytin. der. dig. diox. dol. dor. dros. dubo-h. dulc. dys. echit. enterob-v. euphr. eupi. falco-pe. ferr-p. ferr-r. ferr. fl-ac. form. fuma-ac. **Gels**. gent-c. **Glon**. **Graph**. guaj. ham. hedeo. **Hell**. helo-s. hep. heroin. hist. hydr-ac. **Hydr**. hydrog. **HYOS**. hyosin. **IGN**. **IOD**. **Ip**. jatr-c. juni-v. **Kali-ar**. **Kali-bi**. kali-br. **KALI-C**. **Kali-chl**. **Kali-i**. kali-m. kali-n. kali-p. kali-s. kali-sil. kalm. ketogl-ac. kola kreos. lac-leo. **Lach**.

Lachn. lact. lat-m. laur. led. limen-b-c. lipp. lith-c. lon-x. lup. **LYC.** Lyss. m-ambo. m-arct. **M-aust.** mag-c. mag-m. mag-p. maias-l. manc. **Mang.** meny. **Merc-c.** merc-cy. **Merc.** merl. **Mez.** mill. morph. **Mosch.** **Mur-ac.** murx. **Mygal.** **Nat-ar.** **NAT-C.** nat-f. **Nat-m.** nat-p. nat-pyru. nat-s. nat-sil. nicc. nit-ac. nitro-o. **Nux-m.** **Nux-v.** **Oena.** ol-an. olnd. oncor-t. **OP.** ox-ac. ozone paeon. **Par.** pegan-ha. petr-ra. petr. petros. **Ph-ac.** **Phos.** phys. phyt. pic-ac. **Pieri-b.** plac. **Plat.** plb-act. plb. **Podo.** **Positr.** psor. **PULS.** **Ran-b.** **Ran-s.** rat. rauw. **Rheum** rhod. **RHUS-T.** **Rhus-v.** ruta sabad. sabin. salin. sang. santin. sarcol-ac. sars. scut. **Sec.** **SEL.** senec-j. senec. seneg. **Sep.** **SIL.** sol-ni. **SPIG.** spong. squil. **Stann.** staph. stram. stront-c. stroph-h. stry-p. **STRY.** suis-hep. suis-pan. **Sul-ac.** sul-i. **Sulph.** syc. syph. tab. tanac. tarax. **Tarent.** tax. tell. ter. teucr. thal-xyz. thuj. tritic-vg. tub. ust. **VALER.** vanil. **Verat-v.** **Verat.** vesp. viol-o. viol-t. vip. **Visc.** x-ray xan. zinc-m. **Zinc-p.** **ZINC.** ziz.

ABDOMEN - CONTRACTION – twitching nat-c. nat-m.

ABDOMEN - PAIN - Hypochondria – twitching **Am-m.** mosch. puls.

ABDOMEN - PAIN - Liver – twitching calc. kali-c. m-aust. nat-c. **PULS.**

ABDOMEN - PAIN - Lower abdomen – twitching sul-ac.

ABDOMEN - PAIN - Spleen – twitching ran-b. sul-ac.

ABDOMEN - PAIN – twitching agar. **Am-m.** anac. ars. aur. canth. caust. chin. coff. con. dig. fl-ac. graph. guaj. ign. kali-c. m-aust. manc. meny. mez. nat-c. olnd. phos. psor. ran-b. rhus-t. **Sul-ac.**

ABDOMEN - TWITCHING and jerking acon. **AGAR.** agath-a. alum. alumn. ambr. anac. ant-t. arn. ars. **Bry.** cann-s. caust. chel. con. croc. cupr. dros. dulc. falco-pe. graph. guaj. ham. hyos. kali-ar. kali-c. lyc. m-arct. manc. merc. murx. nat-m. nux-m. **Nux-v.** op. phos. plat. ran-s. rheum rhod. rhus-t. ruta sec. sep. spong. stann. sul-ac. verat. viol-t.

BACK - PAIN - Spine – twitching cina

BACK - PAIN - stitching pain – twitching stann.

BACK – TWITCHING **Agar.** agath-a. alum. calc. carb-v. carc. chel. jatr-c. kali-bi. kali-s. merc. mez. morph. mygal. nat-m. nat-sil. petr. phys. spig. stry. sulph. vanil. **Zinc.**

BLADDER - PAIN – twitching agar. lith-c. op.

BLADDER - TWITCHING in neck, during urination op.

BLADDER - URINATION - dysuria - painful - coldness, numbness and twitching down left leg; with agar.

CHEST - PAIN - Clavicles - stitching pain – twitching chel.

CHEST - PAIN - stitching pain – twitching calc.

CHEST - PALPITATION of heart – twitching arn. bell. chin. con. nux-v. plb.

CHEST – TWITCHING bamb-a. calc. cic. falco-pe. ham. tritic-vg.

COUGH - TWITCHING in hip ars.

EAR – TWITCHING act-sp. aeth. **Agar.** all-c. am-c. am-m. anac. ang. ant-t. bar-c. bar-m. bar-s. borx. bov. calc-act. calc-p. calc-sil. **Calc.** cann-i. cann-s. caust. chin. cina clem. dig. dros. fl-ac. hep. kali-c. kali-m. kali-p. kreos. lyc. mag-m. manc. mang. merc-c. merc. mez. **Mur-ac.** nat-m. nicc. nit-ac. nux-v. op. petr. ph-ac. phos. pieri-b. plat. **Puls.** rhod. sars. sil. spig. sul-ac. thuj. valer. vanil. zinc-p. zinc.

EXTERNAL THROAT - GOITRE – twitching lyc.

EXTERNAL THROAT - PAIN - Sides - drawing pain – twitching plat.

EXTERNAL THROAT – TWITCHING **Agar.** arg-met. asaf. bism. carb-ac. crot-c. gent-c. graph. mez. nat-sil. phos. spong. tarax.

EXTREMITIES - CRAMPS - Thumbs - twitching, with valer.

EXTREMITIES - FORMICATION - Toes - First - twitching, with crot-t.

EXTREMITIES - PAIN - Elbows - tearing pain – twitching rhus-t.

EXTREMITIES - PAIN - Feet - Back of feet - tearing pain – twitching cupr. spig. tab.

EXTREMITIES - PAIN - Feet - Heels - tearing pain – twitching am-c. mag-c. merl.

EXTREMITIES - PAIN - Feet - Soles - stitching pain – twitching bamb-a. dig. nat-s. ph-ac.

EXTREMITIES - PAIN - Feet - Soles - tearing pain – twitching cupr. kali-n.

EXTREMITIES - PAIN - Feet - stitching pain – twitching carb-n-s. **Cina**

EXTREMITIES - PAIN - Fingers - First - tearing pain – twitching dig. mag-m.

EXTREMITIES - PAIN - Fingers - Joints - tearing pain – twitching ph-ac.

EXTREMITIES - PAIN - Fingers - Second - tearing pain – twitching mag-m.

EXTREMITIES - PAIN - Fingers - tearing pain – twitching [am-m.](#) [staph.](#)
 EXTREMITIES - PAIN - Forearms - tearing pain – twitching [cupr. dulc.](#)
 EXTREMITIES - PAIN - Hands - stitching pain – twitching [Cina](#) [lyc. mez.](#)
 EXTREMITIES - PAIN - Hands - tearing pain – twitching [cupr. rat. stann.](#)
 EXTREMITIES - PAIN - Hips - drawing pain – twitching [colch. sil.](#)
 EXTREMITIES - PAIN - Hips - stitching pain – twitching [cina](#)
 EXTREMITIES - PAIN - Joints - stitching pain – twitching [carbn-s.](#)
 EXTREMITIES - PAIN - Joints - tearing pain – twitching [led.](#)
 EXTREMITIES - PAIN - Knees - drawing pain – twitching [stann.](#)
 EXTREMITIES - PAIN - Knees - stitching pain – twitching [euphr.](#)
 EXTREMITIES - PAIN - Knees - tearing pain – twitching [brom. kali-i. kreos. plb.](#)
 EXTREMITIES - PAIN - Legs - Bones - Tibia - tearing pain – twitching [lyc.](#)
 EXTREMITIES - PAIN - Legs - Bones - twitch up the legs; must [am-c.](#)
 EXTREMITIES - PAIN - Legs - Calves - drawing pain – twitching [mez.](#)
 EXTREMITIES - PAIN - Legs - Calves - tearing pain – twitching [am-m. zinc.](#)
 EXTREMITIES - PAIN - tearing pain – twitching [Am-m. cact. chin. ph-ac.](#)
 EXTREMITIES - PAIN - Thighs - extending to - Penis - drawing pain – twitching [clem.](#)
 EXTREMITIES - PAIN - Thighs - Inner side - stitching pain – twitching [sabad.](#)
 EXTREMITIES - PAIN - Thighs - Knees; above - tearing pain – twitching [Rhus-t.](#)
 EXTREMITIES - PAIN - Thighs - stitching pain – twitching [ang. carbn-s. mag-m. mang. sabad. stann. stram.](#)
 EXTREMITIES - PAIN - Thighs - tearing pain – twitching [asaf. bell. Chin. guaj. mag-c. nicc. stront-c.](#)
 EXTREMITIES - PAIN - Thighs – twitching [Coloc. phos.](#)
 EXTREMITIES - PAIN - Thumbs - stitching pain – twitching [nat-s.](#)
 EXTREMITIES - PAIN - Thumbs - tearing pain – twitching [brom. rat. staph. sul-ac.](#)
 EXTREMITIES - PAIN - Thumbs – twitching [acon.](#)
 EXTREMITIES - PAIN - Toes - First - stitching pain – twitching [berb. hell. kali-n.](#)
 EXTREMITIES - PAIN - Toes - First - tearing pain – twitching [am-m. brom.](#)
 EXTREMITIES - PAIN - Toes - pinching pain – twitching [sul-ac.](#)
 EXTREMITIES - PAIN - Toes - stitching pain – twitching [berb. carbn-s. Cina merl.](#)
 EXTREMITIES - PAIN - Toes - tearing pain – twitching [chin.](#)
 EXTREMITIES - PAIN - Upper arms - tearing pain – twitching [camph. mag-c. merc. merl. sulph.](#)
 EXTREMITIES - PAIN - Upper limbs - Joints - drawing pain – twitching [sulph.](#)
 EXTREMITIES - PAIN - Upper limbs - tearing pain – twitching [ph-ac. sul-ac.](#)
 EXTREMITIES - PAIN - Wrists - drawing pain – twitching [calc.](#)
 EXTREMITIES - PAIN - Wrists - stitching pain – twitching [Bry. carbn-s.](#)
 EXTREMITIES - PAIN - Wrists - tearing pain – twitching [colch. laur. RHUS-T.](#)
 EXTREMITIES - PAIN - Wrists - twitching, with [arund. calc. carbn-s. kali-n.](#)
 EXTREMITIES - PARALYSIS - hemiplegia - twitching of one side, the other is paralyzed [Apis art-v. Bell. Stram.](#)
 EXTREMITIES - TWITCHING - side twitching, paralysis of the other; one [Apis art-v. Bell. Stram.](#)
 EXTREMITIES – TWITCHING [Agar. agath-a. alum-p. alum-sil. Alum. alumn. ambr. ant-c. Apis arn. ars-i. Ars. asaf. atra-r. bamb-a. BELL. calad. calc-f. calc. cann-i. carb-ac. carb-v. carbn-s. carc. carl. caust. Cham. CHEL. Chin. Chinin-s. chlf. cic-m. Cic. cimic. CINA Cocc. coff-t. Coff. colch. coloc. croc. Crot-c. cupr-ar. Cupr. cypr. cyt-l. dol. dros. dulc. ferr-p. graph. Hell. helo-s. heroin. HYOS. hyosin. IGN. kali-ar. kali-c. kali-i. kali-m. kali-n. kali-p. kali-s. kali-sil. ketogl-ac. kreos. lach. lat-m. laur. lipp. lyc. lyss. mag-p. meny. Merc-c. Merc. morph. mur-ac. Mygal. nat-ar. Nat-c. Nat-m. nat-p. nat-s. nit-ac. Nux-m. Nux-v. OP. paeon. pegan-ha. petr. ph-ac. phos. pieri-b. plac. plb. puls. ran-s. RHUS-T. Rhus-v. sarcol-ac. scut. sec. Sep. Sil. spong. staph. STRAM. STRY. suis-hep. sul-i. sulph. Tarent. tax. thal-xyz. tritic-vg. VALER. vanil. verat-v. verat. Visc. zinc-p. Zinc. EYE – TWITCHING acon. aesc. AGAR. alum. am-m. apis arn. Ars. ARUM-T. Asar. bar-c. Bell. calc. camph. carb-ac. carb-an. carb-v. carbn-s. carc. caust. cedr. Cham. chin. cina croc. Crot-t. cupr. dulc. fuma-ac. gels. Glon. hyos. iod. juni-v. kali-n. kali-p. kali-s. kalm. kola kreos. Lachn. limen-b-c. lith-c. lyc. mag-p. mang. merc-c. mez. nat-m. nat-sil. nicc. NUX-V. oncor-t. ozone](#)

petr. phys. phyt. pieri-b. plat. plb. **Positr.** puls. rat. rhus-t. ruta sel. spong. **Stann.** suis-pan. sul-i. sulph. ust. vanil. vesp. xan. zinc.

FACE - PAIN - Nerves - Trigeminal neuralgia - accompanied by - Lids; twitching of mag-p.

FACE - PAIN - Zygoma – twitching **cina**

FACE - PARALYSIS - accompanied by - Muscles; twitching of kali-m.

FACE – TIC **agar.** der. lyc. stram. zinc.

FACE – TWITCHING **acon.** **AGAR.** agn. am-m. **Ambr.** aml-ns. ant-c. **Ant-t.** arg-met. arg-n. arn. **Ars-i.** ars-s-f. **Ars.** atra-r. atro. aur-m. bamb-a. bar-c. bar-s. bell. bism. borx. brom. bry. bufo calc-i. calc-p. calc. camph. cann-s. carb-ac. carb-v. carc. **Caust.** **Cham.** chel. chlol. cic. **Cina** cocc. colch. **Con.** crot-c. cupr-ar. cupr. cyt-l. cytin. dros. dubo-h. dys. gels. glon. graph. ham. **Hell.** hep. hist. **Hyos.** **Ign.** **Iod.** **Ip.** kali-ar. kali-c. **Kali-chl.** kali-i. kali-m. kali-n. kali-s. lach. **Laur.** **LYC.** lyss. m-ambo. mag-c. mag-p. maias-l. mang. meny. merc-c. merc. **Mez.** **Mygal.** nat-ar. nat-c. **Nat-m.** nat-sil. nit-ac. nux-v. **Oena.** olnd. **OP.** ox-ac. petr-ra. **Phos.** plb. puls. ran-s. rauw. rheum rhus-t. ruta sang. santin. sec. **SEL.** senec. sep. sil. spig. spong. stann. staph. stram. **Stront-c.** stry. **Sul-ac.** sul-i. sulph. syc. syph. tell. thuj. tub. valer. verat-v. verat. visc. zinc-p. **ZINC.** ziz.

FEMALE GENITALIA/SEX - PAIN - labor pains - twitching, with **Chinin-s.**

FEMALE GENITALIA/SEX – TWITCHING **bell.** sep.

FEVER - ALTERNATING with - chills - twitches, with hot **Nat-m.**

GENERALS - CHOREA - accompanied by - Muscles; twitching of **agar.** **hyos.** **ign.** **mygal.** **stram.**

GENERALS - CONVULSIONS - epileptic - aura - Face – twitching **laur.**

GENERALS - CONVULSIONS - epileptic - during epileptic convulsions; complaints - Lids - twitching of **kali-bi.**

GENERALS - PAIN - Muscles - pressing pain – twitching **petr.**

GENERALS - PAIN – twitching **agar.** **asaf.** **asar.** **bell.** **calc.** **chin.** **cina** **cocc.** **colch.** **ign.** **kali-c.** **kreos.** **meny.** **mosch.** **puls.** **sep.** **sil.** **sulph.** **thuj.** **valer.**

GENERALS - SHUDDERING, nervous - twitching of legs **con.**

GENERALS - TETANUS - accompanied by - Muscles; twitching of muscles near wound **led.**

GENERALS - TWITCHING - delivery; during - labor ceases; twitching begins when **Sec.**

GENERALS – TWITCHING **abies-c.** **acon-c.** **acon.** **AGAR.** **agath-a.** agn. alum-p. alum-sil. alum. alumn. am-c. am-m. **Ambr.** amyg. **ANAC.** androc. **Ang.** ant-c. **Ant-t.** apis aran. **Arg-met.** **Arg-n.** arn. **Ars-i.** ars-s-f. ars-s-r. **Ars.** arund. **ASAF.** asc-t. aster. atro. **Bar-c.** bar-i. bar-m. **Bell.** bism. borx. brom. bruc. **Bry.** bufo **CACT.** cadm-s. **Calc-i.** calc-p. **Calc-s.** calc-sil. **Calc.** **Camph.** cann-i. cann-s. **Canth.** caps. carb-ac. carb-v. **Carbn-s.** carc. **Caust.** **Cedr.** cerv. cham. **Chel.** **Chin.** **Chinin-s.** chlf. chlor. cic-m. **Cic.** **Cimic.** **Cina** **Clem.** **Cocc.** **Cod.** coff-t. **Coff.** colch. coloc. **Con.** croc. crot-h. cupr-s. **Cupr.** cycl. cypr. cyt-l. dig. dioxi. dol. dor. dros. dulc. echit. ferr-r. ferr. form. **Gels.** **Glon.** **Graph.** guaj. hedeo. **Hell.** hep. hydr-ac. **HYOS.** **IGN.** **IOD.** ip. juni-v. **Kali-ar.** kali-br. **KALI-C.** kali-chl. **Kali-i.** kali-m. kali-n. kali-p. kali-s. kali-sil. kreos. **Lach.** lact. lat-m. laur. led. lipp. lon-x. lup. **Lyc.** **Lyss.** m-ambo. m-arct. **M-aust.** mag-c. mag-m. mag-p. **Mang.** meny. **Merc-c.** merc-cy. **Merc.** **MEZ.** **Mill.** morph. **Mosch.** **Mur-ac.** mygal. **Nat-ar.** **NAT-C.** nat-f. **Nat-m.** **Nat-p.** nat-s. nat-sil. **Nit-ac.** nitro-o. **Nux-m.** **Nux-v.** oena. ol-an. olnd. **Op.** ox-ac. **Par.** petr. **Ph-ac.** **Phos.** phys. phyt. pic-ac. **Pieri-b.** plat. plb-act. **Plb.** **Podo.** psor. puls. **Ran-b.** **Ran-s.** rat. **Rheum** rhod. **Rhus-t.** **Rhus-v.** ruta sabad. sabin. salin. **Santfin.** sarcol-ac. scut. **Sec.** sel. senec-j. seneg. **Sep.** **Sil.** sol-ni. **Spig.** spong. squil. **Stann.** staph. **STRAM.** stront-c. stroph-h. stry-p. **Stry.** sul-ac. sul-i. **Sulph.** syph. tab. tanac. tarax. tarent. ter. teucr. thal-xyz. thuj. valer. vanil. **Verat-v.** **Verat.** viol-t. vip. **Visc.** x-ray zinc-m. **Zinc-p.** **ZINC.** ziz.

HEAD - PAIN - afternoon - 13 h – twitching **mag-c.**

HEAD - PAIN - Forehead - stitching pain – twitching **mag-m.** **mang.** **mez.** **spong.**

HEAD - PAIN - Forehead – twitching **borx.**

HEAD - PAIN - Occiput - Sides - stitching pain – twitching **cham.** **mag-m.**

HEAD - PAIN - Occiput - Sides - tearing pain – twitching **bism.** **mag-m.**

HEAD - PAIN - Occiput – twitching **kali-n.**

HEAD - PAIN - Sides - drawing pain – twitching **plat.**

HEAD - PAIN - Sides - tearing pain – twitching **teucr.**

HEAD - PAIN - stooping - agg. – twitching **arn.**

HEAD - PAIN - tearing pain – twitching **Chin.** **kali-c.** **sil.**

HEAD - PAIN - Temples - Above – twitching **hydrog.** **zinc.**

HEAD - PAIN - Temples - lain on; when turning, pain moves to temple - raising - eyes - agg. - tearing pain – twitching *puls.*

HEAD - PAIN – twitching *arn. BELL. bry. carb-v. chin. ign. kali-c. lyc. sil. SULPH.*

HEAD - PAIN - Vertex - evening – twitching *mur-ac.*

HEAD - PAIN - walking - agg. – twitching *BELL.*

HEAD - STRIKING - wall; strikes head against the - twitching of lids and frontal muscles; with mill.

HEAD – TWITCHING *Agar. aloe ambr. anac. apis arn. bar-c. Bell. bry. calc-sil. calc. cann-s. carb-v. carc. caust. cham. chel. chin. Cic. crot-t. cycl. eupi. glon. graph. ign. kali-c. kali-s. laur. lyc. m-ambo. m-aust. mag-c. merc. mygal. nat-c. nat-p. nat-s. nit-ac. nux-v. Op. petr. Ph-ac. phos. puls. rat. rhus-t. sabad. Sep. sil. stann. staph. stram. sulph. thuj. verat.*

KIDNEYS - PAIN – twitching *Canth. lac-leo.*

KIDNEYS - TWITCHING, region of *acon. canth. mang.*

MIND - DELIRIUM - twitching of muscles; with *hyos.*

MIND - GESTURES, makes - fics; nervous *agar. arg-n. ars. bism-met. carc. caust. croc. cupr. enterob-v. hyos. ign. laur. lyc. nux-v. ran-b. rhus-t. sep. staph. stram. syph. tanac. tarent. Verat. zinc.*

MIND - STARTING - evening - jerking or twitching, ceasing on falling asleep *Agar. hell.*

MIND - STARTING – twitching *con.*

MIND - STUPOR - twitching of limbs, with *Bell. Canth. Cupr. HYOS. STRAM.*

MIND - UNCONSCIOUSNESS - twitching of limbs, with *Agar. Bell. Canth. Cupr. HYOS. STRAM.*

MOUTH – TWITCHING *op.*

NECK – TWITCHING *acon. canth. caps. graph. laur. lyc. mag-c. sars. spong. tarax. verat. viol-o. zinc.*

NOSE – TWITCHING *agar. agn. am-c. ambr. arg-n. arn. aur. brom. bry. calc. caps. carb-v. Chel. choc. con. Glon. Hyos. Kali-bi. Lyc. mez. mosch. nat-m. nat-pyru. phys. Plat. puls. stront-c. zinc.*

PROSTATE GLAND – TWITCHING *form.*

RECTUM - PAIN - stitching pain – twitching *zinc.*

RECTUM - PAIN - tearing pain – twitching *carl. thuj.*

RECTUM – TWITCHING *agn. ars. bry. calc. carb-ac. colch. Coloc. iod. meny. Merc. nat-m. Sil. Staph.*

RESPIRATION - ASTHMATIC - accompanied by - Lids; twitching of *cupr.*

SKIN - ERUPTIONS - tetter – twitching *calc. caust. cupr. lyc. puls. RHUS-T. sep. sil. Staph.*

SLEEP - DISTURBED - twitching, by *alum. ant-t. Ars. Bell. calc. carb-v. castm. crot-h. Cupr. dulc. Graph. hyos. Kali-c. Lyc. mag-c. nat-c. Nat-m. Nit-ac. Op. Puls. rhus-t. sel. Sep. Sil. sul-ac. Sulph. viol-t. zinc.*

SLEEP - SLEEPLESSNESS - restlessness, from - Legs, in - twitching in abdomen; and *caust.*

SLEEP - WAKING - twitching; from *carc.*

STOMACH - NAUSEA - accompanied by - Face - pale discoloration of - twitching of face; and *ip.*

STOMACH – TWITCHING *aesc. aloe alumn. ars. bry. cann-s. chin. chinin-s. coloc. Hydr. Ign. kali-c. lyc. mez. petros. phos. plat. puls. rat. sil. stry. tab.*

TEETH - COMPLAINTS of teeth - accompanied by - Feet – twitching *mag-c.*

TEETH - COMPLAINTS of teeth - accompanied by - Fingers – twitching *mag-c.*

TEETH - COMPLAINTS of teeth - accompanied by – twitching *HYOS. Puls.*

TEETH - PAIN - accompanied by - Fingers - pain – twitching *mag-c.*

TEETH - PAIN - Canines - left – twitching *am-c. nat-c.*

TEETH - PAIN - Canines - right – twitching *stront-c.*

TEETH - PAIN - Canines – twitching *rhus-t.*

TEETH - PAIN - drawing pain – twitching *plat.*

TEETH - PAIN - extending to - Ear - And eye – twitching *clem.*

TEETH - PAIN - extending to - Ear – twitching *hep.*

TEETH - PAIN - Hollow teeth - right – twitching *phos.*

TEETH - PAIN - Hollow teeth – twitching *Ant-c. hyos. kreos. mez. nit-ac. rhus-t. sabin. sep. spig. thuj.*

TEETH - PAIN - Incisors – twitching *colch. ran-s.*

TEETH - PAIN - left – twitching *calc. dulc. kola zinc.*

TEETH - PAIN - Lower teeth - Hollow - left – twitching sulph.
 TEETH - PAIN - Lower teeth - left – twitching laur. stront-c.
 TEETH - PAIN - Lower teeth - right – twitching nat-c. stront-c.
 TEETH - PAIN - Molars - Hollow – twitching am-c. graph. par.
 TEETH - PAIN - Molars - Lower - left – twitching nat-c. nat-m. zinc.
 TEETH - PAIN - Molars - Lower - right – twitching plb. zinc.
 TEETH - PAIN - Molars - Lower – twitching stront-c.
 TEETH - PAIN - Molars – twitching Bry. Puls.
 TEETH - PAIN - Molars - Upper - Hollow - right – twitching mez.
 TEETH - PAIN - Molars - Upper - left – twitching alum. apis bry. chin. kreos. zinc.
 TEETH - PAIN - Molars - Upper - right – twitching phos. sil.
 TEETH - PAIN - right – twitching mag-m. spig.
 TEETH - PAIN – twitching all-c. am-c. anac. ant-c. apis ars. aur-m. aur. bell. bov. bry. calc. caust. Cham. chel. chin. cist. Clem. coff. coloc. con. cupr-ar. dulc. graph. hep. hyos. kali-c. kola kreos. Lach. laur. m-ambo. M-aust. mag-c. merc-c. Merc. Mez. mur-ac. nat-c. nit-ac. Nux-v. Phos. plb. Puls. ran-s. Rhus-t. sep. SIL. SPIG. stann. stront-c. sulph. thuj. zinc.
 TEETH - PAIN - Upper teeth – twitching aur. spig.
 TEETH - PAIN - warm - bed - amel. – twitching spig.
 TEETH - TWITCHING in teeth kali-c. kali-n. mur-ac. nat-c. phys.
 THROAT – TWITCHING Arg-n. chel. crot-t. cycl. sep.
 URETHRA - PAIN - urination - not urinating; when - stitching pain - cutting pain – twitching thuj.
 URETHRA – TWITCHING alum. ambr. ant-s-aur. Cann-s. cann-xyz. Canth. clem. coc-c. con. kali-chl. nat-c. nux-v. petr. Phos.

Bibliography



Chapter 3. Psychiatric Genetics > Tourette Syndrome; CURRENT Diagnosis & Treatment: Psychiatry, 2e



Chapter 44. Tourette Disorder and Obsessive–Compulsive Disorder in Children and Adolescents > Etiology; CURRENT Diagnosis & Treatment: Psychiatry, 2e ... The current understanding of Tourette syndrome (TS) provides a good working model for understanding the pathogenesis of other childhood neuropsychiatric disorders: a genetically determined vulnerability, age-dependent expression of symptoms reflecting maturational factors, sexual dimorphism...



Chapter 6. Tremor, Myoclonus, Focal Dystonias, and Tics > Gilles De La Tourette Syndrome; Adams & Victor's Principles of Neurology, 10e ... to be autosomal dominant with incomplete penetrance (Pauls and Leckman) but this has been disputed and several predisposing genes have been found by linkage analysis. In any biologic explanation, the marked predominance of males must be accounted for. At the moment, Tourette syndrome cannot be attributed...



Chapter 6. Tremor, Myoclonus, Focal Dystonias, and Tics > Treatment; Adams & Victor's Principles of Neurology, 10e ... to relieve the premonitory sensory urge. Kurlan and associates noted a lessening of tics after treatment with naltrexone, 50 mg daily. According to a trial conducted by the Tourette's Syndrome Study Group, the hyperactivity component of the Tourette syndrome can be treated safely with methylphenidate...



Child & Adolescent Psychiatric Disorders & Psychosocial Aspects of Pediatrics > Special considerations regarding the use of stimulant medication; CURRENT Diagnosis & Treatment: Pediatrics, 22e ... common side effects include interdose rebound of ADHD symptoms, emergence of motor tics or Tourette's syndrome, behavioral stereotypy, tachycardia or hypertension, depression, mania, and psychotic symptoms. Reduced growth velocity can occur, however, for individual patient's ultimate height...



Drugs Used in Parkinsonism & Other Movement Disorders > B. Huntington's Disease and Tourette's Syndrome; Katzung & Trevor's Pharmacology: Examination & Board Review, 11e ... troublesome adverse effects. Dopamine receptor antagonists (eg, haloperidol, perphenazine) are also sometimes effective and olanzapine is also used. Tourette's syndrome is a disorder of unknown cause that frequently responds to haloperidol and other dopamine D 2 receptor blockers, including pimozide...



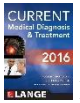
Encyclopedia Homoeopathica



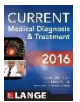
Movement Disorders > GILLES DE LA TOURETTE SYNDROME; Clinical Neurology, 9e ... Gilles de la Tourette syndrome, characterized by chronic—typically lifelong—multiple motor and verbal tics, is of unknown cause and does not relate to social class, ethnic group, perinatal abnormalities, birth trauma, or birth order. Symptoms begin before 21 years of age, most often by the age...



Movement Disorders > TIC Disorders: Tourette Syndrome; CURRENT Diagnosis & Treatment: Family Medicine, 4e



Nervous System Disorders > 10. Gilles de la Tourette Syndrome; Current Medical Diagnosis & Treatment 2016



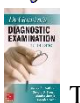
Nervous System Disorders > When to Refer; Current Medical Diagnosis & Treatment 016 ... All patients with Gilles de la Tourette syndrome should be referred. ...



Neurologic & Muscular Disorders > Treatment; CURRENT Diagnosis & Treatment: Pediatrics, 22e ... Table 25–22. Medications for Tourette syndrome and tics. Dopamine blockers (many are antipsychotics) a Pimozide (Orap) Aripiprazole (Abilify) a Olanzapine (Zyprexa) a Risperidone (Risperdal) Serotonergic drugs b Fluoxetine (Prozac...



Radar 10



The Nervous System > Tourette syndrome; DeGowin's Diagnostic Examination, 10e ... hyperactivity disorder occur in association with Tourette syndrome [Jankovic J. Tourette's syndrome. N Engl J Med . 2001;345:1184–1192]. ...