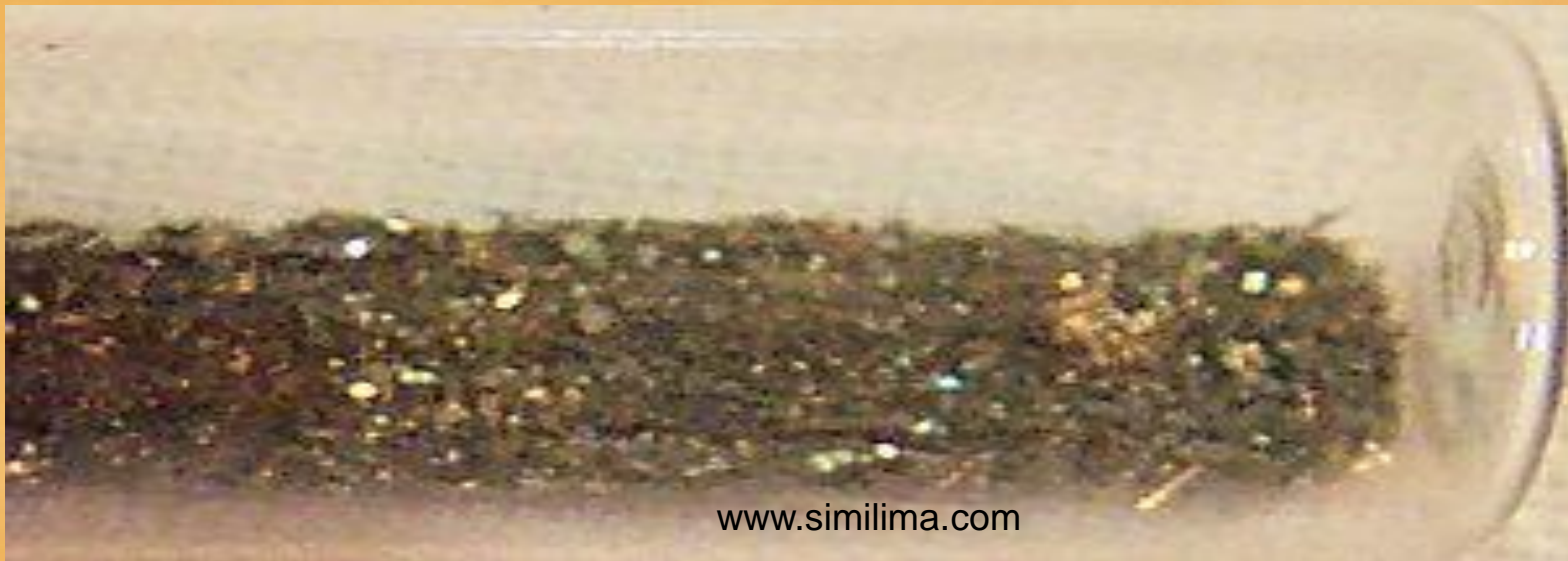




# FERRUM



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- importance in human nutrition.
- The body of an adult human contains 3-4 gm (4.2gm) of iron and 75% **Ferrum** is one of the prominent constituents of the animal body, being present in considerable quantity in the blood and hence iron has great of this amount found in the blood.



- Iron is considered as a trace element.
- When iron given excess to man or animal, its first effect is increase the amount of iron in the blood, stimulate the appetite and augment the heartbeats and the bodily vigour.
- The infant liver contains large amounts of iron, which is used up in the first 3 months.



Transitional metal

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graph TD; A[Transitional metal] --- B[ ]; B --- C[Group -8]; B --- D[Periodic table- 4]; B --- E[Atomic number- 26];
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Group -8

Periodic table- 4

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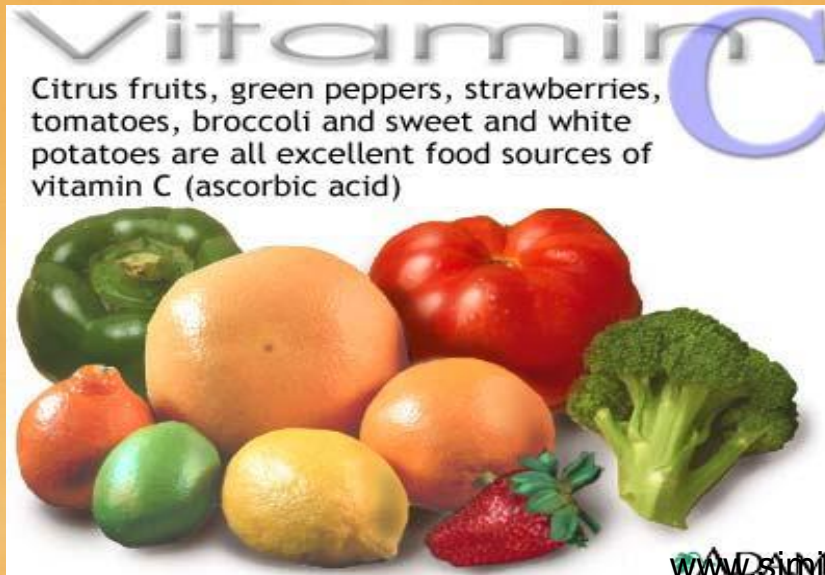
Atomic number- 26





- Fresh iron surfaces are lustrous and silvery-grey in color, but oxidize in air to form a red or brown coating of ferric oxide or rust
- Pure single crystals of iron are soft (softer than aluminium), and the addition of minute amounts of impurities, such as carbon, significantly strengthens them.
- Alloying iron with appropriate small amounts (up to a few per cent) of other metals and carbon produces steel, which can be 1,000 times harder than pure iron.

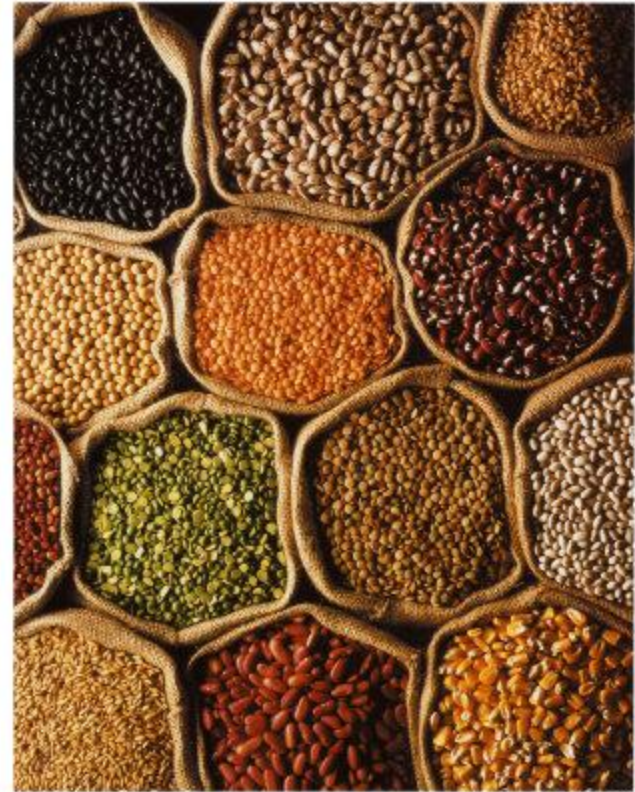




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Grains and Beans      Protein and Carbs

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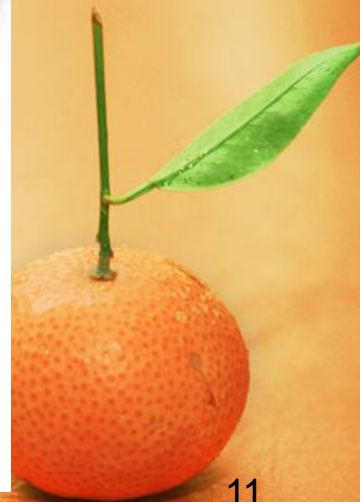
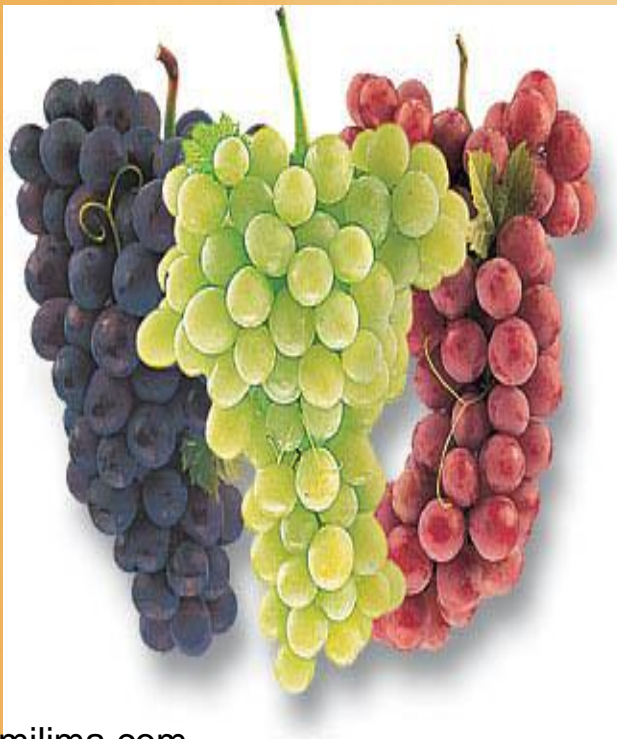














haemorrhage

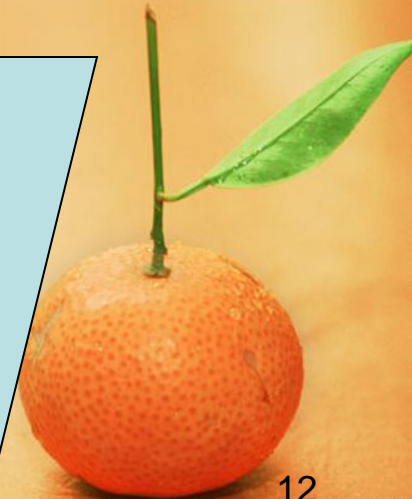
Excretion-  
urine,  
sweat,bile

**IRON LOSS**

Menses,  
childbirth

skin

Nail,hair



# important remedies.

- Ferrum aceticum
- Ferrum arsenicosum
- Ferrum bromatum
- Ferrum citricum
- Ferrum cyanatum
- Ferrum iodatum
- **Ferrum metallicum**
- Ferrum muriaticum
- **Ferrum phosphoricum**
- Ferrum sulphuricum.



# Doctrine of signature

- Iron is the strongest and stable metal . . . . .so are the ferrum personalities . . . .solid, stable, firmly fixed.
- Iron on heated becomes red hot..so are the ferrum personalities who cant bear contradiction.
- At high temperature, iron changes its physical form . . . . .so are the ferrums . . .changeable character.





# constitution

- Thin, graceful, usually feminine, with irritable circulation, delicate and transparent skin.



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- Miasm: tubercular
- SEAT OF ACTION: Git ,skin, Cvs, thyroid, Respiratory system.



# • GENERAL FEATURES OF FERRUM

- 1. Suited to weak, anaemic persons with irregular distribution of blood and great pallor of lips and mucous membrane.

## 2. Blood anaemia:

- Ferrum.ars, Ferrum.iod, Ferrum.met  
Ferrum.mur, Ferrum.Phos, Ferrum acet,  
Ferrum.pic





3. **Haemolytic anaemia:** Ferrum.ars, Ferrum.iod,  
Ferrum.met,  
Ferrum.mur, Ferrum.Phos,  
Ferrum.sulp

4. **Anaemia due to nutritional imbalance:**  
Ferrum.met and Ferrum.Phos

General weakness: Ferrum.ars, Ferrum.iod,  
Ferrum.met  
Ferrum.mur, Ferrum.Phos



- **5.Mentally** suited to anxious people with great irritability and anger.
- Anxiety: Ferrum.ars, Ferrum.iod, Ferrum.Met, Ferrum.mur, Ferrum.Phos



- **6. Specific action over the glandular system and hence suited to scrofulous constitution.**

Fer.iod, Fer.met, Fer.mur  
Fer.phos, Fer.sul

- **7. Most of them are right sided.**

Fer.iod: Pain abdomen drawing from above navel down right side. Pain in right breast. Painful drawing in tendons and back of right hand. Rheumatic pain- right side.





- **8. Easily bleeding tendency** or haemorrhagic diathesis.

Haemorrhage of many kinds-

Causations—from over fullness of blood vessels or

From vasomotor paralysis or

From delicacy of the vessels.



- 9. Thermal reaction – Ferrum group medicines are predominantly chilly.  
According to Gibson Miller **Ferrum met and Ferrum ars** are **chilly** and **Ferrum iod** –hot.

- **10. All types of menstrual irregularities**

Too late: Ferrum.iod, Ferrum.met, Ferrum.Phos

Profuse: Ferrum.iod, Ferrum.met,  
Ferrum.mur, Ferrum.Phos, Ferrum.rub,  
Ferrum.sulph

Amenorrhea: Ferrum.ars, Ferrum.iod, Ferrum.Met,  
Ferrum.mur, Ferrum.phos F



- **11. Restless sleep from frightful, unpleasant and anxious dreams.**

Ferrum.met: Anxious tossing of numerous dreams.

- 

Ferrum.iod: Dreams of thieves and fighting with them.  
Dreams that he has grown very large.

- Ferrum.mag: Dreams immediately after lying down and waking with a start.

- 

Ferrum.phos: Restless sleep with anxious dreams.  
Dreams of quarelling.



- **12.General aggravation at night.**  
Ferrum.ars, Ferrum.iod, Ferrum.met,  
Ferrum.Phos  
Intolerance of egg (Aversion to egg) or  
aggravation from egg:Ferrum.met and  
Ferrum.mur.





- Ravenous hunger: Ferrum.ars, Ferrum.iod, Ferrum.met, Ferrum.Phos  
Later gland become exhausted by over stimulation and then there is loss of appetite  
Loss of appetite: Ferrum.ars, Ferrum.iod, Ferrum.met, Ferrum.Phos



- **13 Rheumatism of shoulder joint – particularly right shoulder joint**

Rheumatic pain in shoulder: Ferrum.iod, Ferrum. Met, Ferrum.mur, Ferrum.Phos

Ferrum.met: Shooting tearing pain in the shoulder joint. Cracking in the shoulder joint.

Ferrum.phos: Acute rheumatism of right shoulder joint. Red swollen and very sensitive. Rheumatism of wrist.

Ferrum.picr: Rheumatic arthritis. Pain right side of neck and down right arm.



- Ferrum.iod: Rheumatic bruised, paralyzed feeling in right upper arm and shoulder.  
Ferrum.mur: Paralytic tearing in shoulder joint, arm, clavicle and muscle making it impossible to lift arm. Acute inflammatory rheumatism of right shoulder joint. Pain deep in socket preventing motion.  
Ferrum.sul: rheumatism and semi paralyzed condition of right arm and shoulder.



- **14. Vomiting after eating or drinking and vomiting of pregnancy**

Vomiting (general) Ferrum.ars, Ferrum.iod  
Ferrum.met, Ferrum.Phos

Food: Ferrum.ars, Ferrum.iod, Ferrum.met  
Ferrum.phos

Drinking after: Ferrum.ars, Ferrum.iod  
Ferrum.met, Ferrum.Phos

Eating after: Ferrum.ars, Ferrum.iod  
Ferrum.met, Ferrum.mur, Ferrum.sPhos





- **15 Aversion to meat and aggravation from meat**

Aversion to meat: Ferrum.ars, Ferrum.iod, Ferrum. Met, Ferrum.mur, Ferrum.Phos

Aggravation from meat: Ferrum. ars Ferrum.iod, Ferrum.met,ferrum.phos,

Aggravation from fat Ferrum.ars, Ferrum. Met, Ferrum.mur

*(Desire for meat: Ferrum.met, and Ferrum. mur)*



- **16. General aggravation from rapid motion and amelioration from gentle motion**

Ferrum.met, Ferrum.mur, Ferrum.phos

- **17. Profuse cold perspiration from slightest exertion and perspiration aggravate the general weakness.**

Ferrum.met, Ferrum.ars, Ferrum.iod  
Ferrum.phos



# mentals

- Determined,stable
- Irritability
- Cant bear contradiction
- Crave for sympathy
- Ambitious
- Changeable
- Moral values,stubborn with course of action.
- Strict, shrewd, obstinate,very practical.
- They are steadfast and resolute,show little mercy and very strong in giving hard judgement.







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# physicals

- Congestion
- All Pains during rest
- Rapid motion aggravates the complaints
- Weakness
- Restless
- Anemic
- All ferrum remedies show marked sensitivity of digestion, which is weak and exhausted, to drugs and food articles, cold, allergens.



- General modalities:
- <rapid movement, sour food, by opposition,pain during rest.
- >slow and gentle movement.





FERRUM PIC  
(WARTS,CORNS)

FERRUM PHOS  
(INFLAMMATION)

FERRUM MET  
(DIAHRROEA)

FERRUM IOD  
(GLANDULAR)

FERRUM ARS  
(SPLEEN,LIVER)

FERRUM MUR  
(SPLEEN)

FERRUM SULP  
(ECZEMA)

FERRUM PIC(BPH)

# FERRUM METALLICUM

- Synonyms: iron, ferrum reductum, iron bihydrogen
- Chemical formula: Fe
- Source: mineral
- preparation: odourless, greenish black, fine powder obtained by the reduction of ferric oxide by hydrogen gas; at high temperature.
- Property: its insoluble in water and in alcohol but soluble in dilute mineral acids.
- Prover: dr hahnemann.



- Constitution: anaemic persons who flush easily and easily fatigue.



- Temperament: sanguine
- Diathesis: haemorrhagic
- Miasm: psora
- Thermal: chilly

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- Anaemia with red flushing of the face.
- haemorrhage from almost all organs-blood light with dark clots, coagulates easily.
- Canine hunger ,alternates with loss of apptite.
- Undigested painless diahrroea.



- Vomiting, erructations of food at night.
- > by walking slow around.
- <eating, drinking,rest.



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# mentals

- Quarrelsome
- Sensitive,easily excitable by least noises,contradiction.
- Anxious after committing a crime.
- Weeps and laughs
- Hysterical



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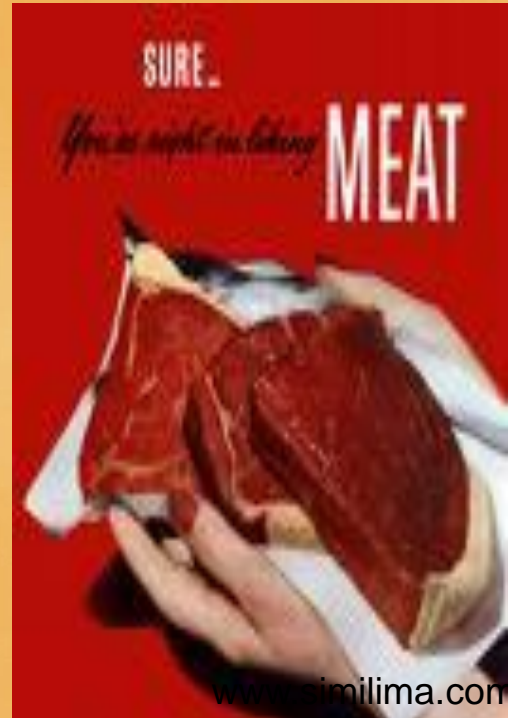
# physicals

- Desire: bread, butter, warm food, raw tomatoes, undigestible things.





- Aversion: meat, eggs, acids, hot and sour things, milk, tobacco, tea





- Apptite: canine hunger alternates with loss of apptite.
- thirst: unquenchable thirst or thirstlessness.
- Sleep: sleepy but cant sleep







- Dreams: falling in water, of being engaged In war.



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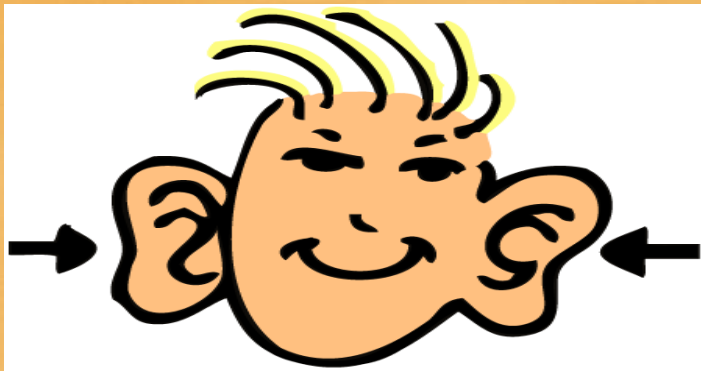


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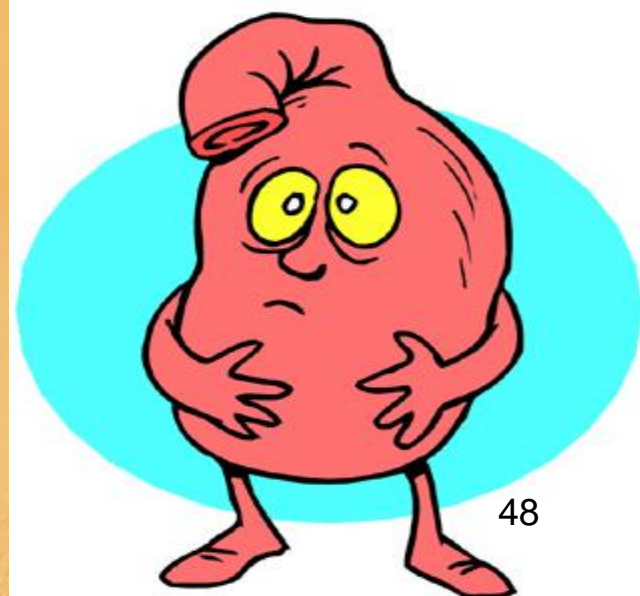
- VERTIGO

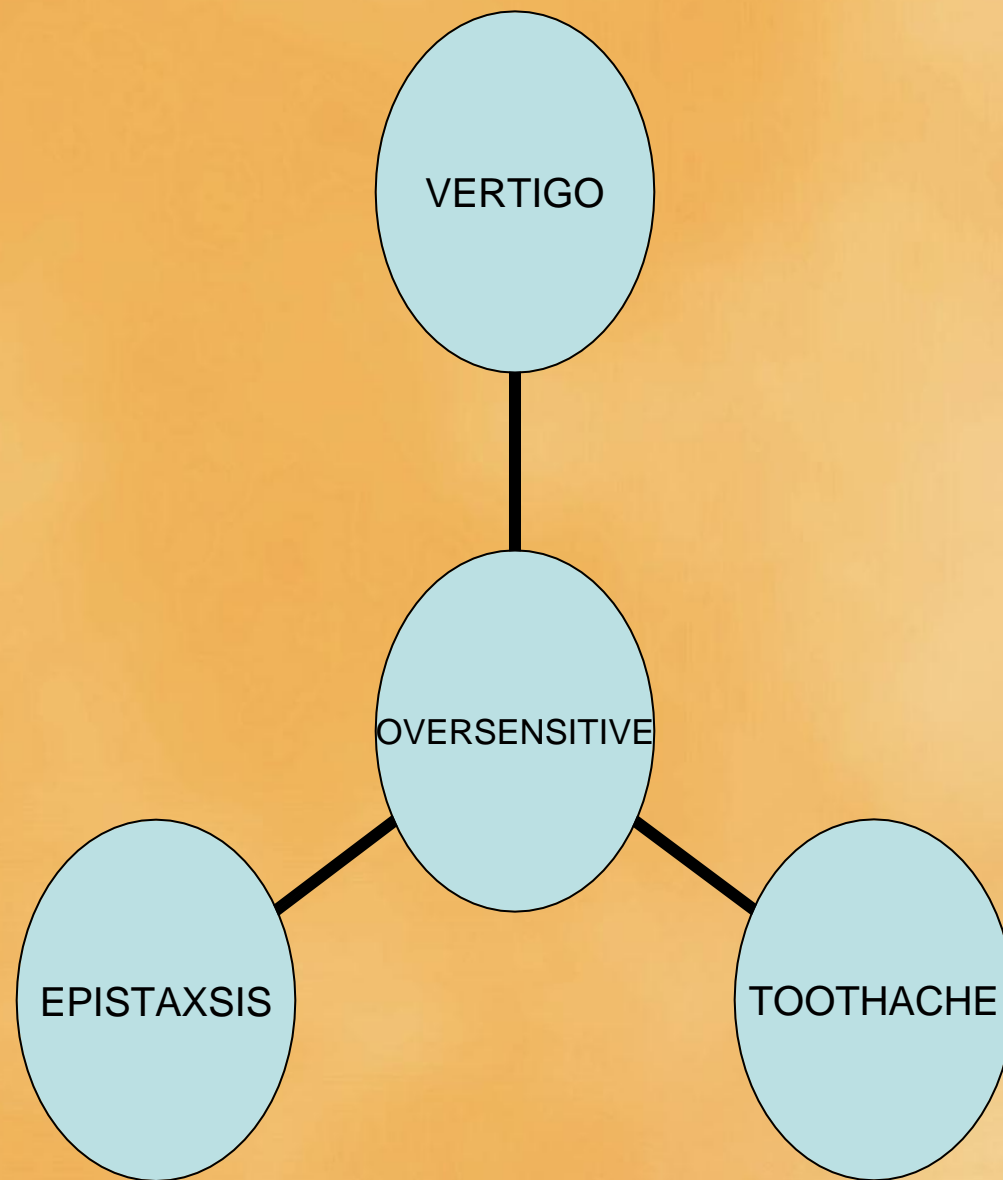


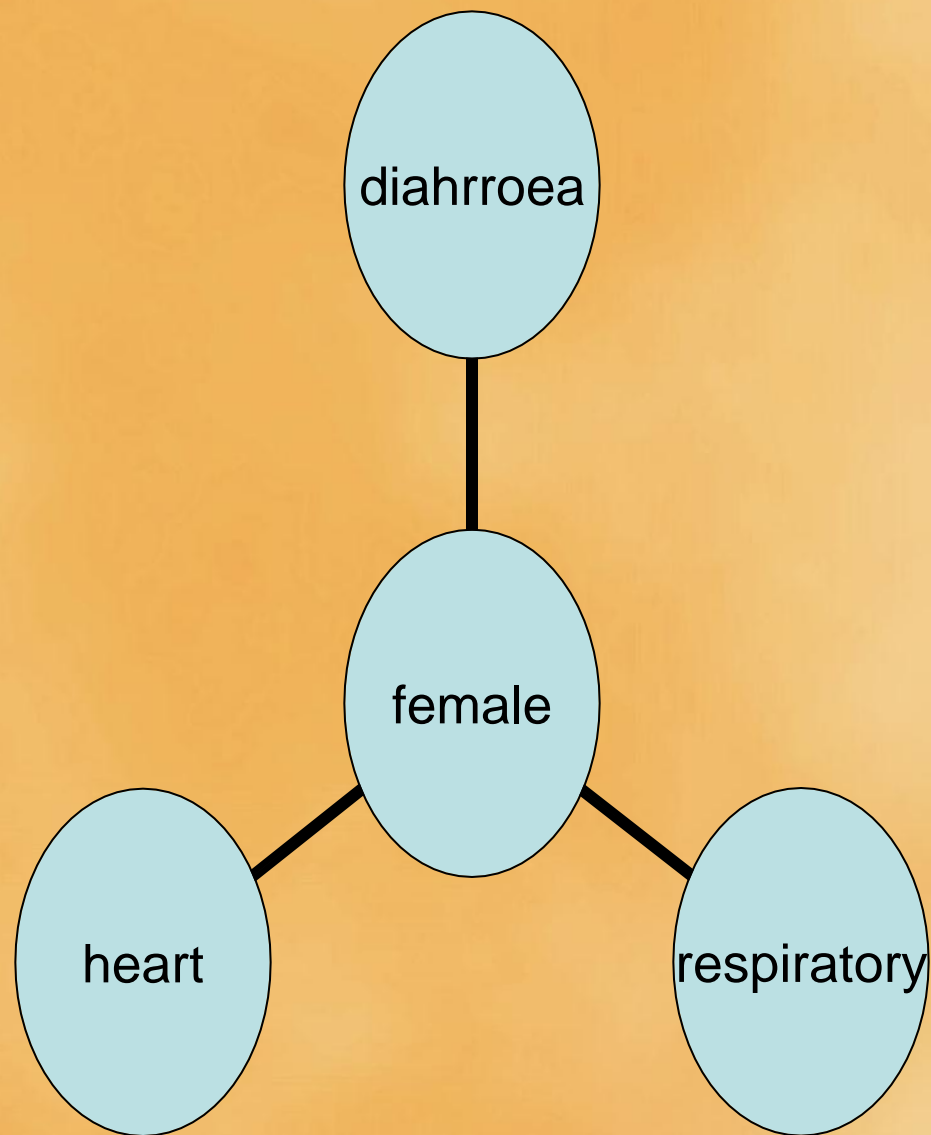
- SENSITIVE



Git









- Stomach:intolerance for sour things, beer,eggs
- Vomiting soon after eating



- Abdomen:  
Diahrrroea: painless, good apptite, gushing and spluttering, alternating with constipation.  
Itching in anus.
- Urinary: involuntary urination, more daytime than night.
- Female: too early, too profuse, too long lasting, with fiery red face, with ringing in the ears, intermittent 2 or 3 days then return, flow pale, watery and debilitating.  
Tendency to abortion.



- Respiratory:slow breathing <sitting still,lying down,after 12 pm <walking slowly,talking,uncovering chest
- Cough only during the daytime<moving >lying down,eating.





- Palpitation <least motion>slow walking.
- Skin: warts on fingers and back of hands.
- Fever:chill with red face and thirst,chill at 4a.m





# FERRUM PHOSPHORICUM

- Synonyms: ferric phosphate, ferrum phosphate, iron phosphate

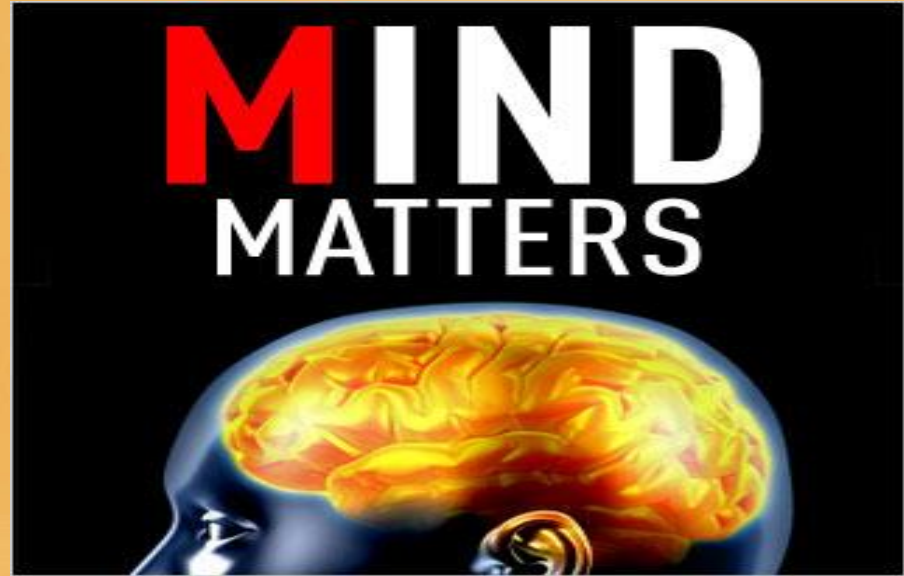


# keynotes

- Anaemic people with sudden and violent local congestion.
- Initial stages of inflammation and fever.
- Haemorrhages are meat water like-blood streaked.



# MENTALS



- Talkative.
- Indifferent to pleasurable things
- Aversion to company
- Fear of going into crowd







# Physicals

- Desire:sour things, stimulants
- Aversion: meat,milk
- Thirst:great thirst for much water
- Dreams : anxious



- Worse :4-6am,motion,touch,cold air,noise,cold drinks,cake,coffee.



- >cold application,lying down.
- Side:right sided



- ache, shooting, aching from the vertex, down over the sides of the sides of the head, with earache, > cold applications
- Feels as if pushed forward while walking, with danger of falling.
- cant see while stooping, seems as if blood ran into the eyes.
- acute otitis media, prevents suppuration.



- Nose:bleeding after operations.
- Throat: sore throat of singers.
- Skin:measles , small pox(initial stages),warts.





# Ferrum aceticum

- Clinical conditions: asthma, cough, haemoptysis, epistaxis, tuberculosis, varicose veins
- <sitting still, lying.



# Ferrum arsenicosum

- Arsenite of iron
- Clinical conditions: anemia, liver enlargement, spleen enlargement.



# Ferrum bromatum

- Clinical conditions: headache, leucorrhoea, spermatorrhoea, uterus prolapsed.



# FERRUM CYANATUM:

- Constipation ,epilepsy





# FERRUM IODATUM

- Hot patient
- Patient >open air
- Symptoms worse after eating.
- Dullness while reading
- Exophthalmic goitre
- Post-nasal,bloody discharge
- Constipation alternates with diahrroea
- Ca of right breast
- Dreams of previous events,robbers
- Dreams as if he is 30 to 60 feet tall.



# FERRUM PICRICUM

- Frequent urination at night.
- Senile hypertrophy of the prostate
- epistaxis



# FERRUM SULPHURICUM

- <warmth >cold
- Nettle rash,apthae, eczema
- Helminthiasis.



# FERRUM TARTARICUM

- Heart pains.





# relationship

- Complementary to china.
- Ferrums are similar to natrums

