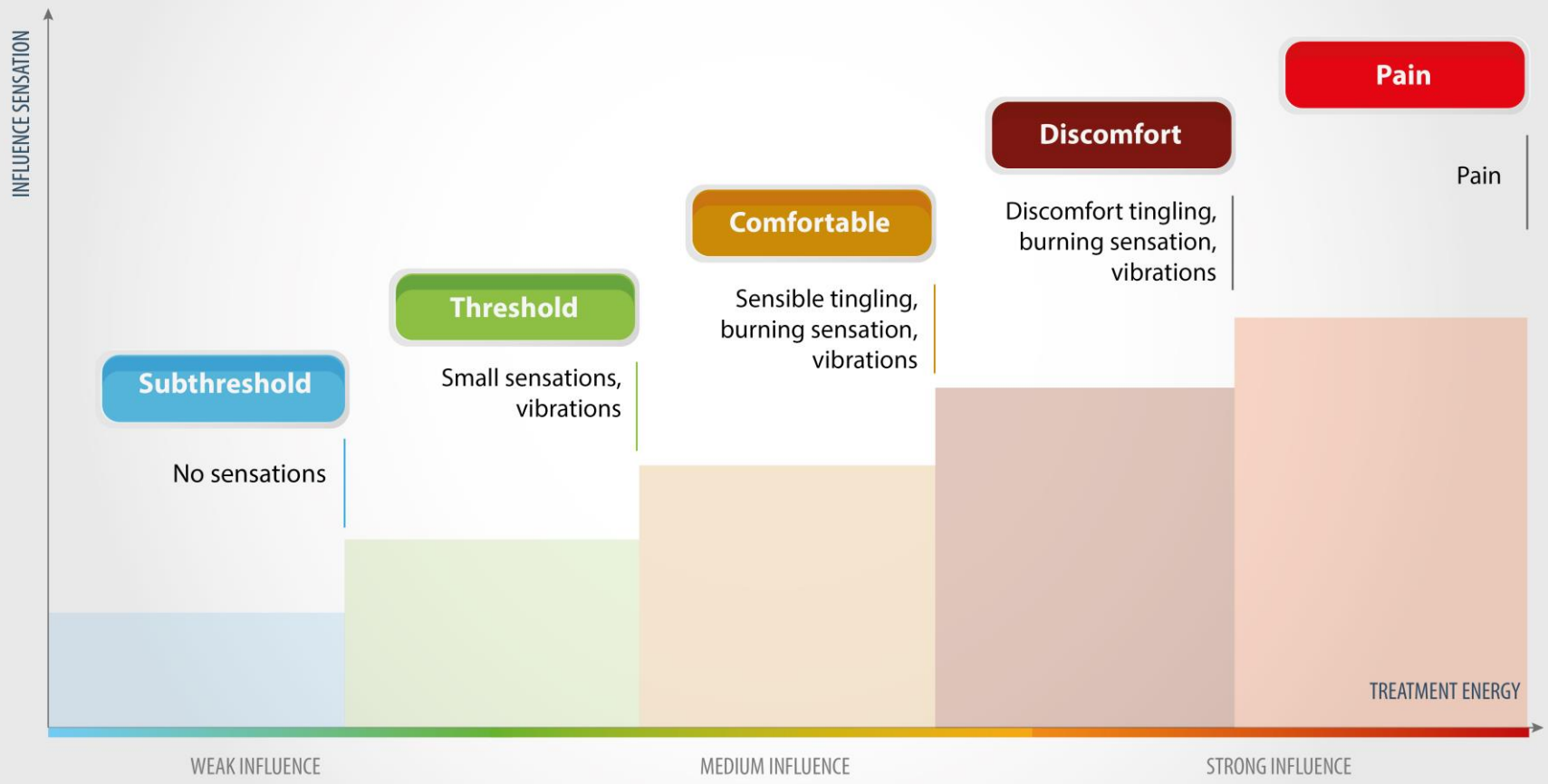
Ajuste manual de parámetros

Ajustes de parámetros

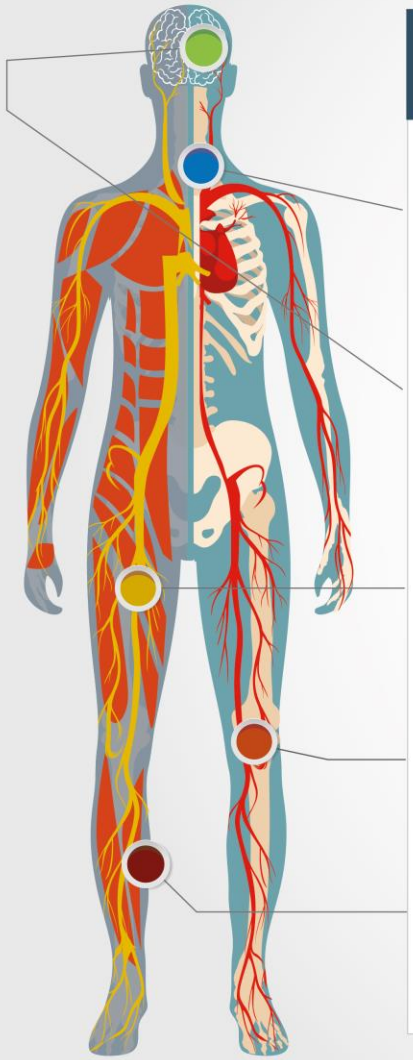
1. Potencia del estímulo o energía (E)
2. Frequencia (F)
3. Intensidad (Intens) y desfase (Gap)
4. Modulation de frecuencia (FM)
5. Modulation de amplitud (AM).
6. Damping (Damp)
7. Ajuste combinado Sw

TREATMENT ENERGY – LEVELS



Study guide by B.P. Kulizhskiy, Y.Y. Starovoytov, M.A. Unakafov. Designed by E.A. Sergienko

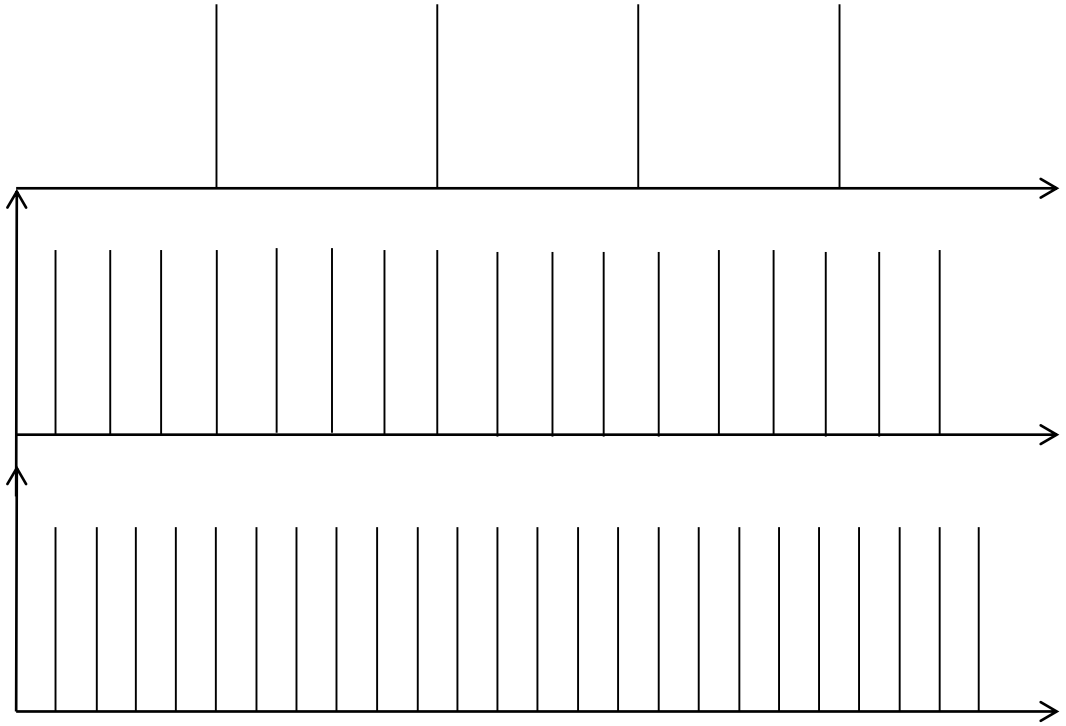
TREATMENT ENERGY
AND RECEPTIVE STRUCTURES



TREATMENT TARGET	INFLUENCE SENSATION	ELECTRODE TYPE	THERAPY
Autonomous Nervous System	Subthreshold *(no sensations)*	Built-in	Systemic
CNS receptors	Threshold *(small sensations, vibrations)*	Built-in	Systemic
CNS fiber tracts	Comfortable *(sensible tingling, burning sensation, vibrations)*	Built-in; Pawns	Systemic, Local
Blood vessels, CNS fiber tracts	Discomfort *(discomfort tingling, burning sensation, vibrations)*	Built-in; Pawns	Local
Soft tissues, Muscles, Deep nerve tracts	Pain	Pawns; Conductive gloves	Local

Study guide by B.P. Kulizhskiy, Y.Y. Starovoytov, M.A. Unakafov. Designed by E.A. Sergienko

Pulse Frequency 15,3 – 351 Hz



1 sec

Tabla básica de frecuencias

El concepto de la tabla básica de frecuencias bajo el concepto clasico de Terapia Scenar.

F = 90: Frecuencia Universal de neuroregulación

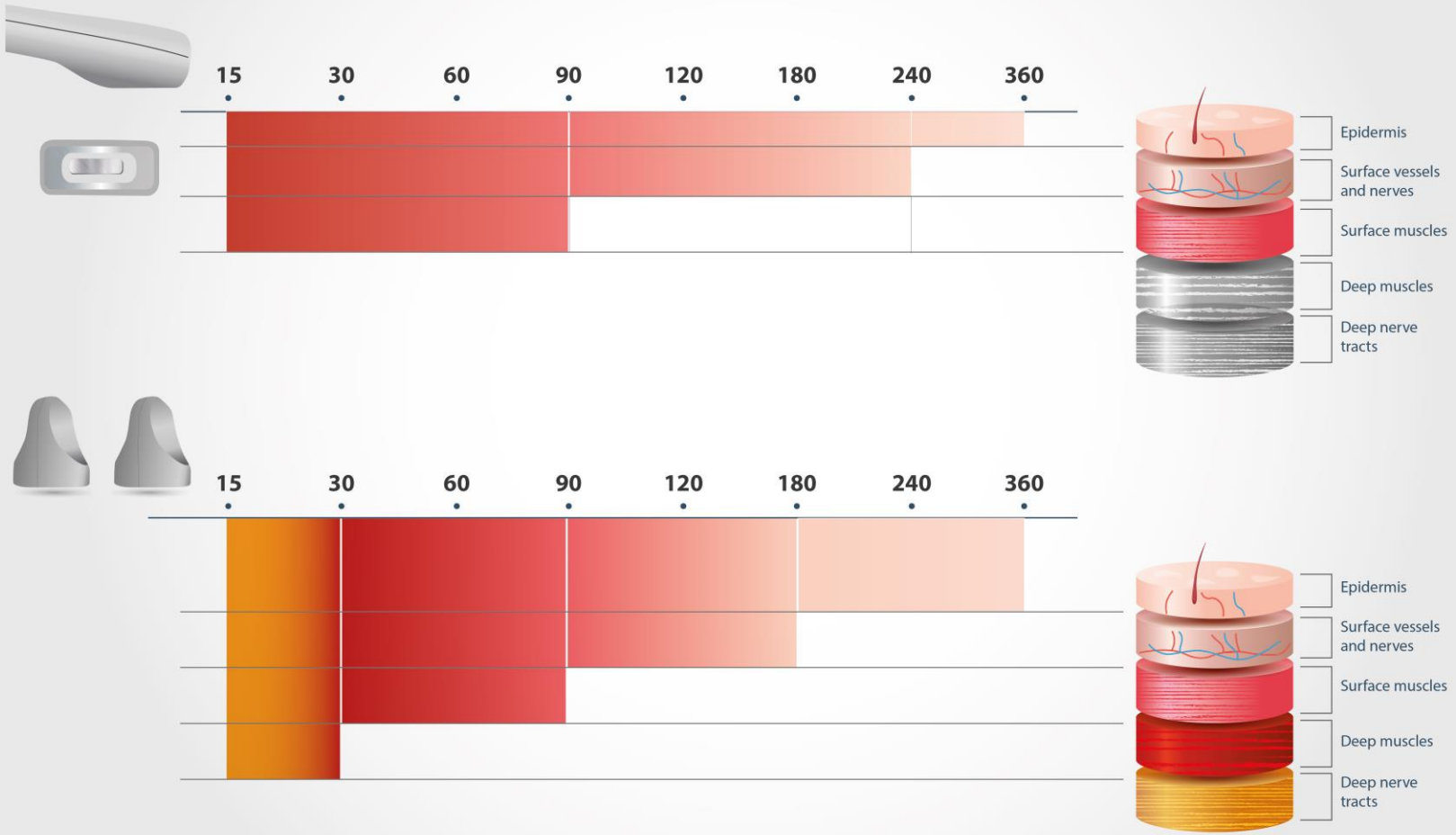
- Para localización de asimetrías y p. asimetrías
- Para tratamiento de zonas de tamaño pequeño
- Para aplicación del modo autodosificado
- Para las “General Zone Technics”

F > 90: Para ITIS (analgesia, relajación, drenaje)

F < 60: Para OSIS (tonificación, regeneración)

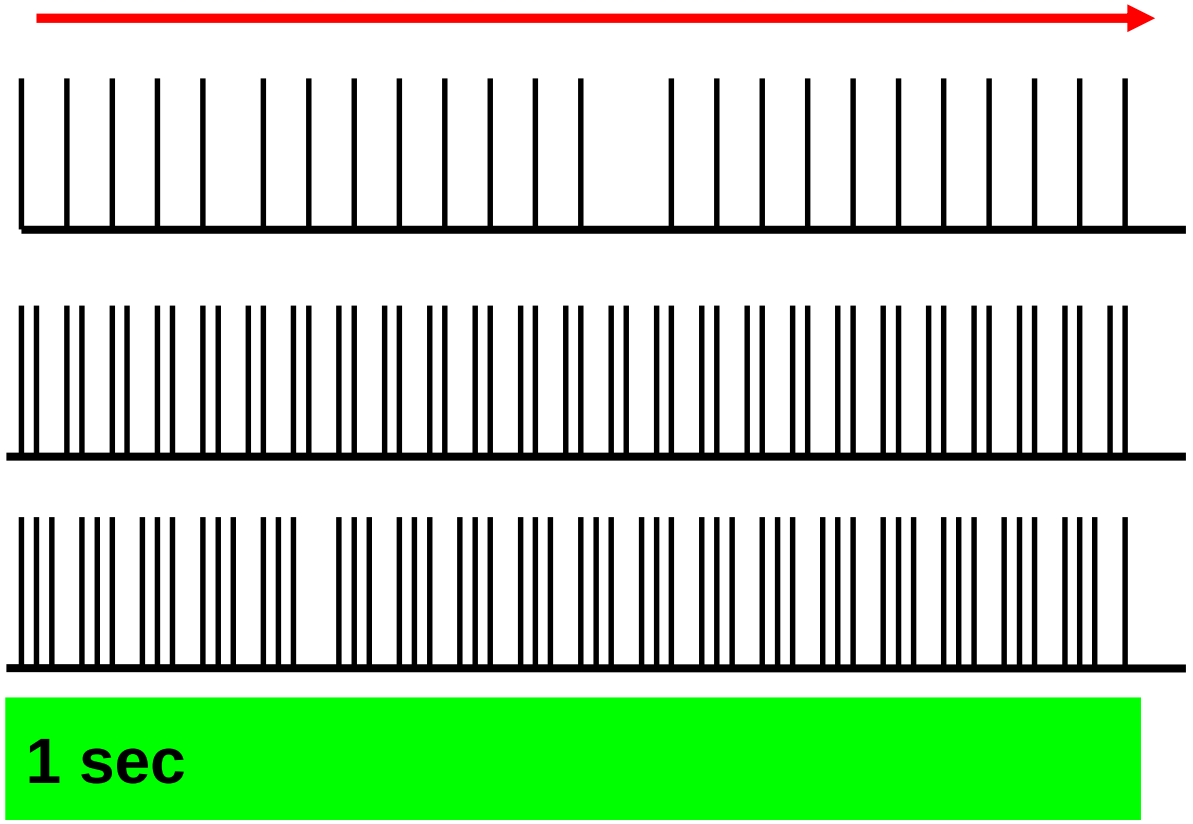
FREQUENCY – F

TREATMENT DEPTH DEPENDING ON FREQUENCY



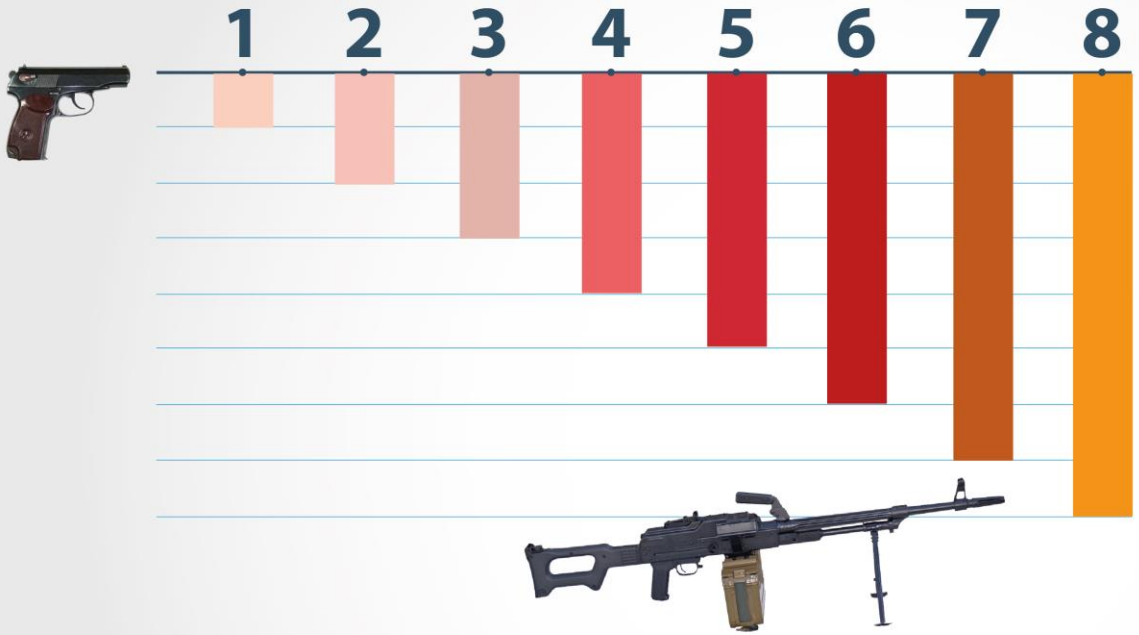
Study guide by B.P. Kulizhskiy, Y.Y. Starovoytov, M.A. Unakafov. Designed by E.A. Sergienko

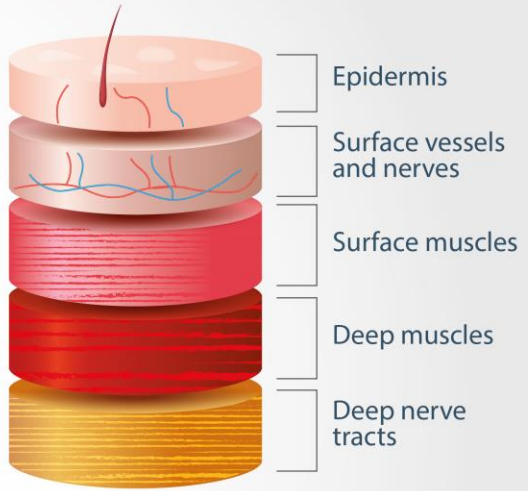
Intensidad 1 - 8



INTENSITY – INT

NUMBER OF SIGNALS IN THE BATCH





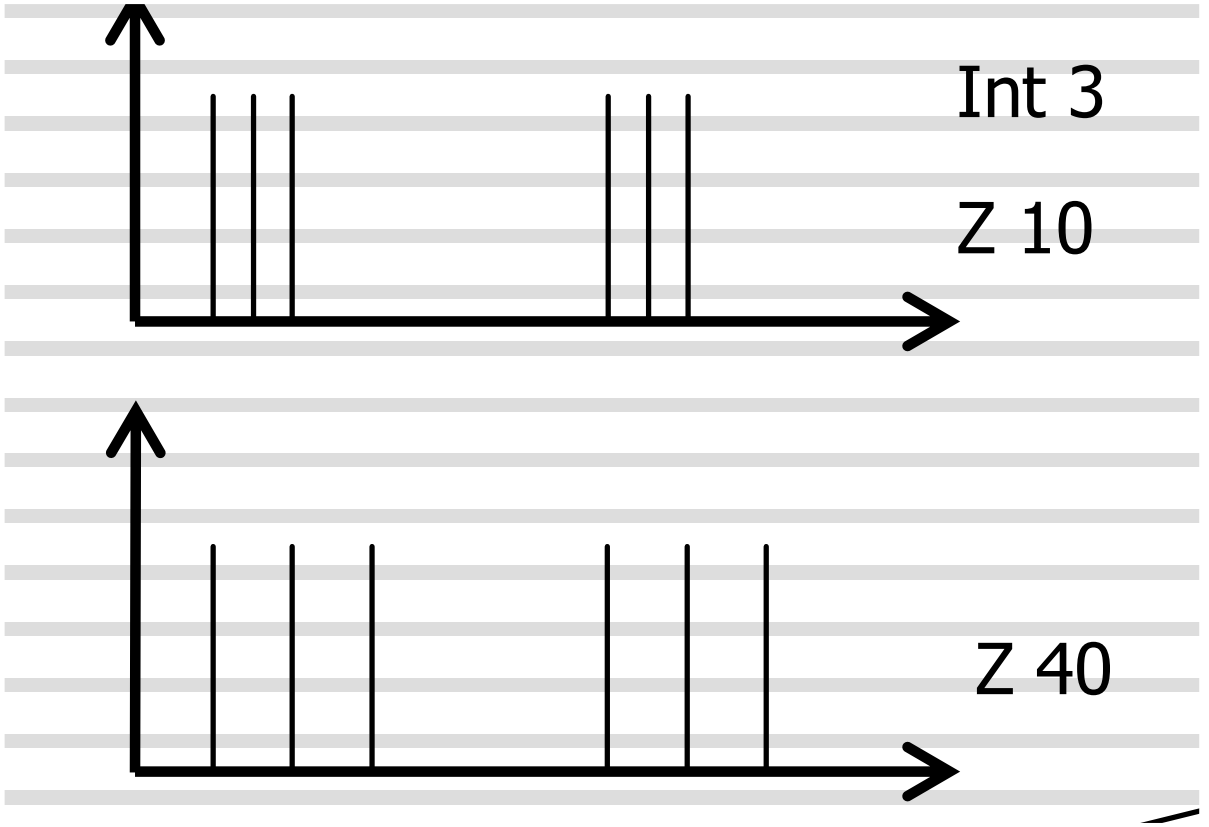
Increasing of treatment evergy via combining pulses to a batch.

Increased penetration depth.

1 to 8 stimuli in the batch.

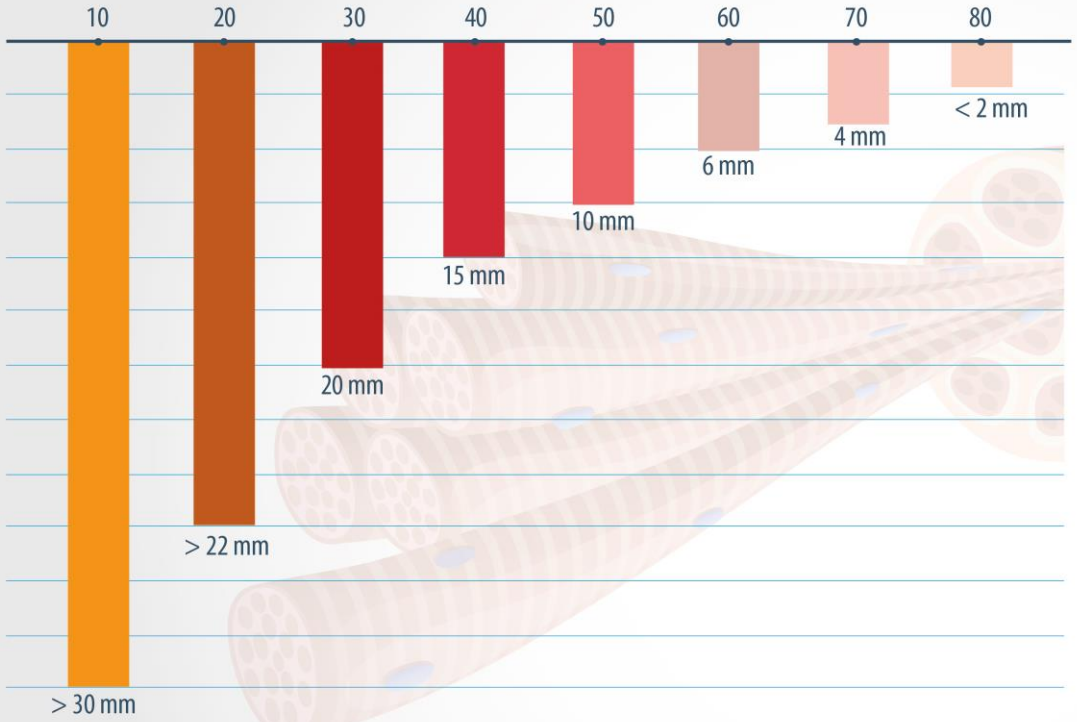
Study guide by B.P. Kulizhskiy, Y.Y. Starovoytov, M.A. Unakafov. Designed by E.A. Sergienko

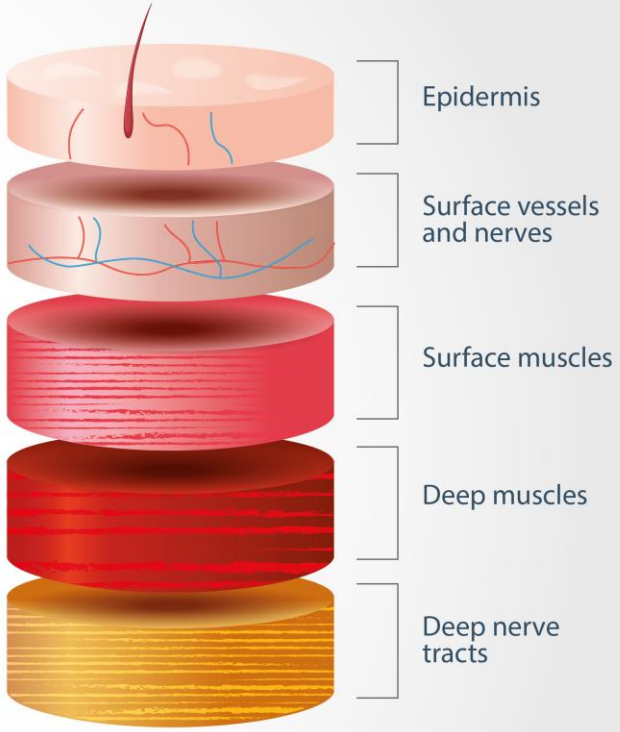
Desfase (Gap ó Z)



GAP

(FOCUSING THE DEPTH OF THE TREATMENT)





Int = 8
F = 90

INTENSITY FOCUSING

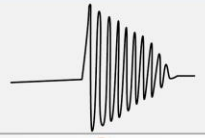
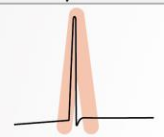
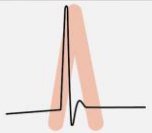
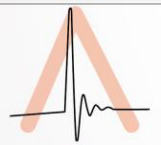
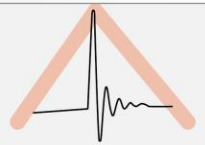
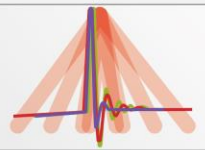
The more is the gap the deeper is the influence.

Study guide by B.P. Kulizhskiy, Y.Y. Starovoytov, M.A. Unakafov. Designed by E.A. Sergienko

Damping
Amortiguación de los picos de estímulo

- **Damph Off** (no damping)
- **Damph Sc1** (weak damping)
- **Damph Sc2** (moderate damping)
- **Damph Sc3** (strong damping)
- **Damph Sc4** (maximum damping)
- **Damp Var** – variable damping with damping variation range from **off** to **Dmp Sc4** and back. Period of damping variation 7.5 ± 2.0sec.

DAMPING – DMP

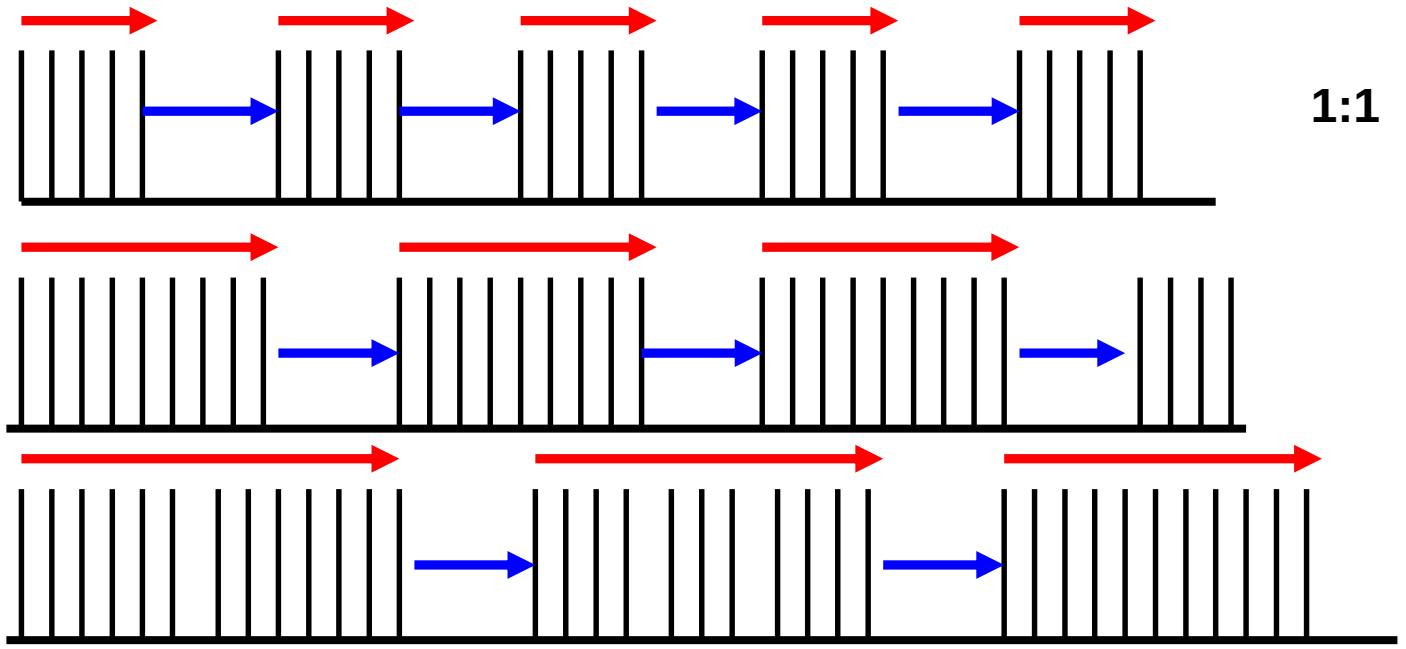
DAMPING		SKIN PHOTOTYPE ACCORDING TO FITZPATRICK	ACUTENESS OF THE PROCESS
Off		Universal	
Sc1		5-6 African	Chronic
Sc2		3-4 Middle Eastern, Mediterranean	Subacute
Sc3		2-3 Dark European	Acute
Sc4		1-2 Light European	Moderate
Var		One of the swinging options	

RESONANCE CHARACTERISTICS

PERSONALIZATION OF THERAPY

Study guide by B.P. Kulizhskiy, Y.Y. Starovoytov, M.A. Unakafov. Designed by E.A. Sergienko

Amplitude Modulation



= 1 sec

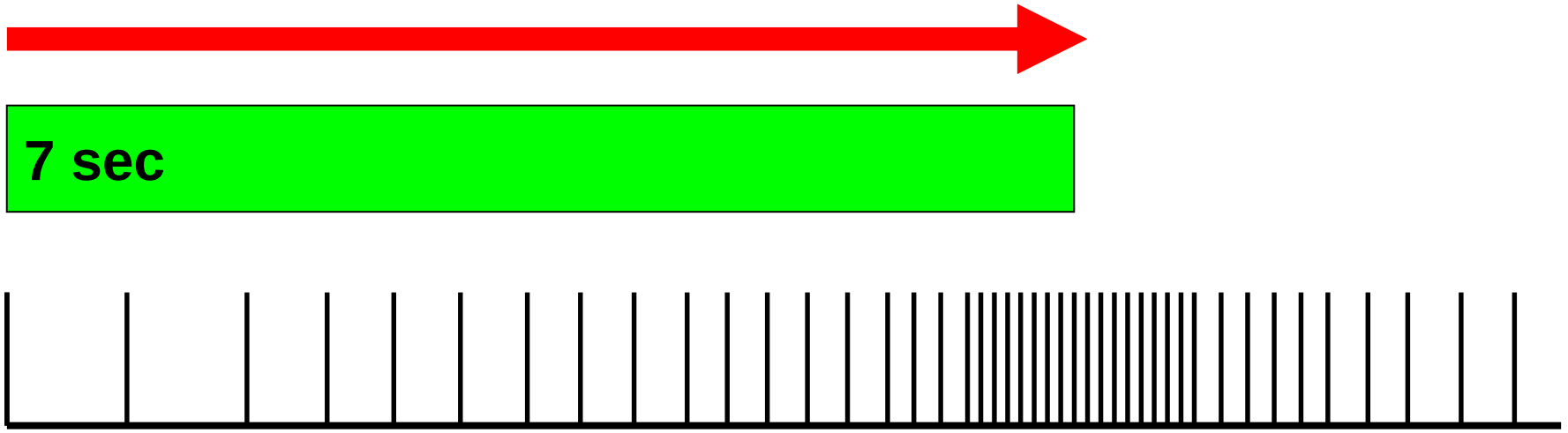
4:1

5:1

Ajustes de AM

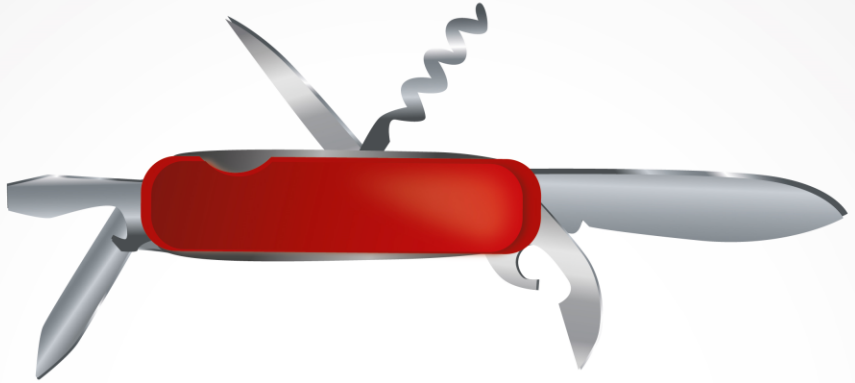
- (1:1) Neuroestimulación. Electrodo coaxial, parches y guantes
- (2:1) Estimulación superficial. Campanas, parches y guantes
- (3:1) Universal. Todo tipo de electrodos
- (4:1) Sport. Fortalecimiento
- (5:1) Sport. Fortalecimiento

Variable frequency (FM)



FREQUENCY MODULATION – FM

UNIVERSAL MODE



- LYMPHATIC DRAINAGE
- MUSCLE TRAINING
- PAIN
- EDEMA

Study guide by B.P. Kulizhskiy, Y.Y. Starovoytov, M.A. Unakafov. Designed by E.A. Sergienko

Ajuste Variables (FV, Sw)

Indicados para tratar el SN

Su objetivo es promover una respuesta intensa en el sistema despues de tratar un punto específico.

Puede haber casos en que no es conveniente provocarla para evitar la agravación.

FmVar = FM On + Damping Var - ***PRESET FMVar***

Sw1 = FM On + Damping Var + Int 3 + Gap Var - ***PRESET NP Acute***

Se puede también aplicar Sw quitando el damping para evitar agravación