

Macros

Are saved terms, sentences and/or paragraphs that can be inserted automatically into a note



Creating a Macro

A Macro should be created when certain terms, sentences, and/or paragraphs of a note are completed routinely in the same manner. It is recommended that you create Macros for the top 10 complaints.



Macros represent Physician Methodology

Each Physician should create Macros that represent his/her own pattern of providing clinical care and documentation methodology



Why Build a Macro?

They are used to save time by inserting “standard” data or answers that are recurrently used.



Macros are Inserted into PNEED Documentation

DUCK, DAFFY - 010070779 Opened by Test , ED Physician

Task Edit View Options Current Add Help

As Of 09:58 All orders 5 days back

DUCK, DAFFY Age: 49 years Sex: Female Loc: Emerg KCMH ; ** No Known Allergies **

Emergency [<No - Admit date> <No - Discharge date>] Fin#: 00 DOB: 1960-Jan-01 MRN: 010070779 Fin/Enc: 00119340

Chart Summary | 24 Hour Summary | 72 Hour Summary | Reference Text Browser | Patient Schedule | EasyScript

Orders | PowerNote ED | Patient Info | Flowsheet | Vital Signs | Lab | Rad | Assessments | I & D | Documents | Form Browser | MAR | MAR Summary | Medication Profil

PowerOrders

Example: Normal GI Exam Macro

Gastrointestinal **M** >> Soft / Nontender / Non distended / Normal BS
/ No organomegaly / Guaiac negative - QC OK /
Other

Gastrointestinal **M** >> Normal GI exam 'YAY'
More...

Gastrointestinal **M** >> **Soft** / **Nontender** / Non distended / Normal
BS / **No organomegaly** / Guaiac negative - QC
OK / Other



“Layered” macros:

Within a paragraph (“Review of Systems”), the user can have “layered” macros that indicate degrees of completion. For example, a “**simple negative ROS**” might show that the user has superficially asked about any “constitutional, skin, eye, and ENMT” complaints (and gotten negative answers, but hasn’t gone into detail:

- Review of Systems M	
Constitutional >>	(Neg except HPI) / Fever / Chills / Sweats / Weakness / Fatigue / Decreased activity / Other
Skin >>	(Neg except HPI) / Jaundice / Rash / Pruritus / Abrasions / Breakdown / Burns / Dryness / Petechiae / Lesion / Other
Eye >>	(Neg except HPI) / Recent vision problems / Pain / Discharge / Icterus / Diplopia / Blurred vision / Blindness / Other
ENMT >>	(Neg except HPI) / Ear pain / Sore throat / Nasal congestion / Sinus pain / Other

“Layered” macros:

But the user might also have a **“Complete negative ROS”** macro that indicates that they have actually gone into considerable detail and gotten negative answers about “fever, chills, sweats, weakness, fatigue, decreased activity, jaundice, rash, pruritus, abrasions...”

- Review of Systems M	
Constitutional >>	Neg except HPI / Fever / Chills / Sweats / Weakness / Fatigue / Decreased activity / Other
Skin >>	Neg except HPI / Jaundice / Rash / Pruritus / Abrasions / Breakdown / Burns / Dryness / Petechiae / Lésion / Other
Eye >>	Neg except HPI / Recent vision problems / Pain / Discharge / Icterus / Diplopia / Blurred vision / Blindness / Other
ENMT >>	Neg except HPI / Ear pain / Sore throat / Nasal congestion / Sinus pain / Other

Health PEI

How to Build a Macro

ONE ISLAND FUTURE



ONE ISLAND HEALTH SYSTEM

Macro's can be built at any "level": Paragraph

Paragraph

Physical Examination M

Structure>

General appearance	WNL / No acute distress / Mild distress / Mod distress / Severe distress / Unresponsive / Other...
Skin M >>	WNL / Warm / Dry / No pallor / No rash / Good skin turgor / Other...
Eye M >>	WNL / PERRL / EOMI / Normal conjunctiva / Icterus / Other...
ENT M >>	WNL / TM's clear / Oral mucosa moist / No pharyngeal erythema or exudate / Other...
Neck M >>	WNL / Supple / Trachea midline / No tenderness / Enlarged nodes / Other...
CV-heart M >>	WNL / Regular rate and rhythm / Normal S1 & S2 / No extra heart sounds / No murmurs / Other...
Respiratory M >>	WNL / Lungs CTA / Respirations nonlabored / Other...
Chest wall >>	WNL / No tenderness / No deformity / Other...
Drawing	Chest drawing
Abdominal M >>	WNL / Normal BS / Soft / Nontender / Non distended / No organomegaly / Other...
Rectal M >>	WNL / Normal tone / Guaiac negative - QC OK / Other...
Extremity M >>	WNL / Normal ROM / Normal tone / No swelling / No tenderness / Other...
Neurological M >>	WNL / A/O x 3 / Alert / No focal neuro deficits / Other...
Psychiatric M	Appropriate / Flat / Depressed / Anxious / Agitated / Uncooperative / Combative / Other...
CV-perfusion	(repeat): WNL / except / R / L / Bi / radial pulse / femoral pulse / popliteal pulse / posterior tibialis / dors (normal / delayed===secs / Other...) / Other...
Notes...	Notes... / Scribble notes...

Macro's can be built at any "level": Sentence

Sentence

Physical Examination M <Hide Structure>	
General appearance	WNL / No acute distress / Mild distress / Mod distress / Severe distress / Unresponsive / Other...
Skin M >>	WNL / Warm / Dry / No pallor / No rash / Good skin turgor / Other...
Eye M >>	WNL / PERRL / EOMI / Normal conjunctiva / Icterus / Other...
ENT M >>	WNL / TM's clear / Oral mucosa moist / No pharyngeal erythema or exudate / Other...
Neck M >>	WNL / Supple / Trachea midline / No tenderness / Enlarged nodes / Other...
CV-heart M >>	WNL / Regular rate and rhythm / Normal S1 & S2 / No extra heart sounds / No murmurs / Other...
Respiratory M >>	WNL / Lungs CTA / Respirations nonlabored / Other...
Chest wall >>	WNL / No tenderness / No deformity / Other...
Drawing	Chest drawing
Abdominal M >>	WNL / Normal BS / Soft / Nontender / Non distended / No organomegaly / Other...
Rectal M >>	WNL / Normal tone / Guaiac negative - QC OK / Other...
Extremity M >>	WNL / Normal ROM / Normal tone / No swelling / No tenderness / Other...
Neurological M >>	WNL / A/O x 3 / Alert / No focal neuro deficits / Other...
Psychiatric M	Appropriate / Flat / Depressed / Anxious / Agitated / Uncooperative / Combative / Other...
CV-perfusion	(repeat): WNL / except / R / L / Bi / radial pulse / femoral pulse / popliteal pulse / posterior tibialis / dors (normal / delayed===secs / Other...) / Other...
Notes...	Notes... / Scribble notes...

Macro's can be built at any "level": Word

Word

Physical Examination M <Hide Structure>	
General appearance	WNL / No acute distress / Mild distress / Mod distress / Severe distress / Unresponsive / Other...
Skin M >>	WNL / Warm / Dry / No pallor / No rash / Good skin turgor / Other...
Eye M >>	WNL / PERRL / EOMI / Normal conjunctiva / Icterus / Other...
ENT M >>	WNL / TM's clear / Oral mucosa moist / No pharyngeal erythema or exudate / Other...
Neck M >>	WNL / Supple / Trachea midline / No tenderness / Enlarged nodes / Other...
CV-heart M >>	WNL / Regular rate and rhythm / Normal S1 & S2 / No extra heart sounds / No murmurs / Other...
Respiratory M >>	WNL / Lungs CTA / Respirations nonlabored / Other...
Chest wall >>	WNL / No tenderness / No deformity / Other...
Drawing	Chest drawing
Abdominal M >>	WNL / Normal BS / Soft / Nontender / Non distended / No organomegaly / Other...
Rectal M >>	WNL / Normal tone / Guaiac negative - QC OK / Other...
Extremity M >>	WNL / Normal ROM / Normal tone / No swelling / No tenderness / Other...
Neurological M >>	WNL / A/O x 3 / Alert / No focal neuro deficits / Other...
Psychiatric M	Appropriate / Flat / Depressed / Anxious / Agitated / Uncooperative / Combative / Other...
CV-perfusion	(repeat): WNL / except / R / L / Bi / radial pulse / femoral pulse / popliteal pulse / posterior tibialis / dorsalis pedis (normal / delayed===secs / Other...) / Other...
Notes...	Notes... / Scribble notes...

Paragraph level macro:

Paragraph

Physical Examination M

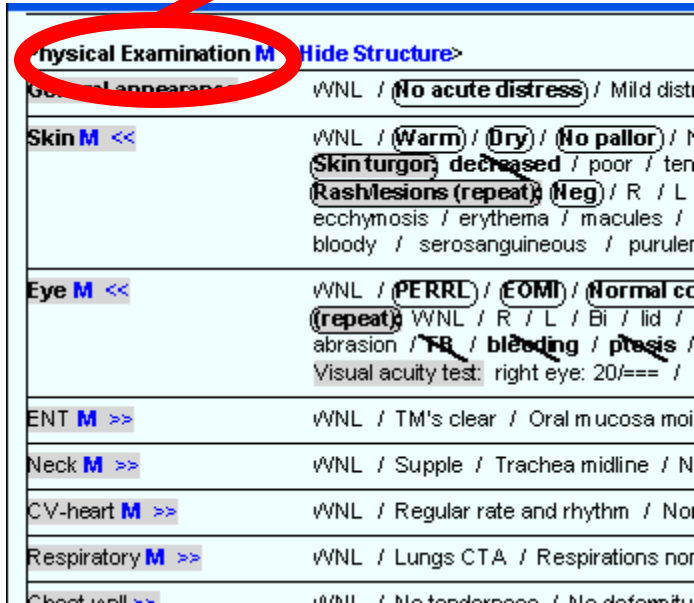
Structure>

General appearance	WNL / No acute distress / Mild distress / Mod distress / Severe distress / Unresponsive / Other...
Skin M >>	WNL / Warm / Dry / No pallor / No rash / Good skin turgor / Other...
Eye M >>	WNL / PERRL / EOMI / Normal conjunctiva / Icterus / Other...
ENT M >>	WNL / TM's clear / Oral mucosa moist / No pharyngeal erythema or exudate / Other...
Neck M >>	WNL / Supple / Trachea midline / No tenderness / Enlarged nodes / Other...
CV-heart M >>	WNL / Regular rate and rhythm / Normal S1 & S2 / No extra heart sounds / No murmurs / Other...
Respiratory M >>	WNL / Lungs CTA / Respirations nonlabored / Other...
Chest wall >>	WNL / No tenderness / No deformity / Other...
Drawing	Chest drawing
Abdominal M >>	WNL / Normal BS / Soft / Nontender / Non distended / No organomegaly / Other...
Rectal M >>	WNL / Normal tone / Guaiac negative - QC OK / Other...
Extremity M >>	WNL / Normal ROM / Normal tone / No swelling / No tenderness / Other...
Neurological M >>	WNL / A/O x 3 / Alert / No focal neuro deficits / Other...
Psychiatric M	Appropriate / Flat / Depressed / Anxious / Agitated / Uncooperative / Combative / Other...
CV-perfusion	(repeat): WNL / except / R / L / Bi / radial pulse / femoral pulse / popliteal pulse / posterior tibialis / dors (normal / delayed===secs / Other...) / Other...
Notes...	Notes... / Scribble notes...

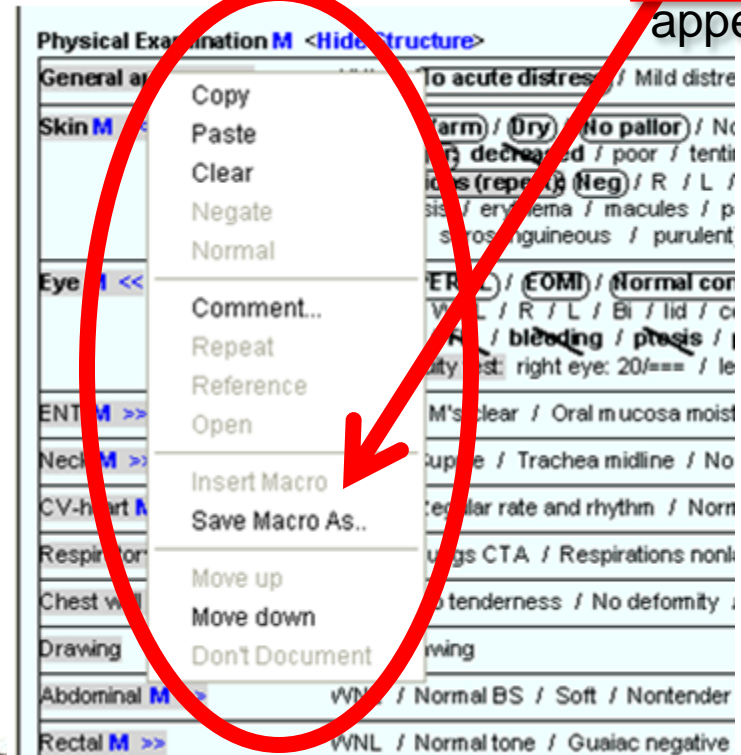
1) Check all the findings you want

Physical Examination M <Hide Structure>	
General appearance	WNL / (No acute distress) / Mild distress / Mod distress / Severe distress / Unresponsive / Other...
Skin M <<	WNL / (Warm) / (Dry) / (No pallor) / No rash / Good skin turgor / Pale / Ashen / Cyanotic / Cool / Diaphoretic / Jaundice / Mottled / Other... (Skin turgor decreased) / poor / tenting / Other... (Rash lesions (repeat) (leg)) / R / L / Bi / generalized / scalp / face / trunk / arm / hand / thigh / genitalia / lower leg / foot / confluent / crusting / discrete / ecchymosis / erythema / macules / papules / petechiae / pustules / track marks / vesicles / laceration / ulcers / weeping / ===mm / ===cm / drainage (serous / bloody / serosanguineous / purulent) / abrasion (length===cm / width===cm) / Other...
Eye M <<	WNL / (PERL) / (EOM) / (Normal conjunctiva) / Icterus / Other... (repeat) WNL / R / L / Bi / lid / conjunctiva / cornea / pupil / ===mm / fundoscopic exam / normal / erythema / inflammation / discharge / dysconjugate gaze / abrasion / TB / bleeding / ptosis / proptosis / papilledema / vertical nystagmus / horizontal nystagmus / Other... Visual acuity test: right eye: 20/=== / left eye: 20/=== / both eyes: 20/=== / w/ correction / w/o correction / able to count fingers / light only / Other...
ENT M >>	WNL / TM's clear / Oral m ucosa moist / No pharyngeal erythema or exudate / Other...
Neck M >>	WNL / Supple / Trachea midline / No tenderness / Enlarged nodes / Other...
CV-heart M >>	WNL / Regular rate and rhythm / Normal S1 & S2 / No extra heart sounds / No murmurs / Other...
Respiratory M >>	WNL / Lungs CTA / Respiratory effort unlabored / Other...
Chest wall >>	WNL / No tenderness / No deformity / Other...
Drawing	Chest drawing
Abdominal M >>	WNL / Normal BS / Soft / Nontender / Non distended / No organomegaly / Other...
Rectal M >>	WNL / Normal tone / Guaiac negative - QC OK / Other...
Extremity M >>	WNL / Normal ROM / Normal tone / No swelling / No tenderness / Other...
Neurological M >>	WNL / A/O x3 / Alert / No focal neuro deficits / Other...
Psychiatric M	Appropriate / Flat / Depressed / Anxious / Agitated / Uncooperative / Combative / Other...
CV-perfusion	(repeat) WNL / except / R / L / Bi / radial pulse / femoral pulse / popliteal pulse / posterior tibialis / dorsalis pedis / diminished / absent / ===bpm / capillary refill (normal / delayed===secs / Other...) / Other...
Notes...	Notes... / Scribble notes...

2) Hover over “Physical Examination” and Right Click



Physical Examination M Hide Structure	
General appearance	WNL / No acute distress / Mild dist
Skin M <<	WNL / Warm / Dry / No pallor / No skin turgor / decreased / poor / tent / Rash/lesions (repeat) / Neg / R / L / ecchymosis / erythema / macules / bloody / serosanguineous / puruler
Eye M <<	WNL / PERRL / EOMI / Normal cor / (repeat) / WNL / R / L / Bi / lid / abrasion / FB / bleeding / ptosis / Visual acuity test: right eye: 20/=== /
ENT M >>	WNL / TM's clear / Oral m ucosa moi
Neck M >>	WNL / Supple / Trachea midline / N
CV-heart M >>	WNL / Regular rate and rhythm / Nor
Respiratory M >>	WNL / Lungs CTA / Respirations nor
Chest wall	WNL / No tenderness / No deformity
Abdominal M >>	WNL / Normal BS / Soft / Nontender
Rectal M >>	WNL / Normal tone / Guaiac negative



Physical Examination M Hide Structure	
General appearance	WNL / No acute distress / Mild dist
Skin M <<	WNL / Warm / Dry / No pallor / No skin turgor / decreased / poor / tent / Rash/lesions (repeat) / Neg / R / L / ecchymosis / erythema / macules / bloody / serosanguineous / puruler
Eye M <<	WNL / PERRL / EOMI / Normal cor / (repeat) / WNL / R / L / Bi / lid / abrasion / FB / bleeding / ptosis / Visual acuity test: right eye: 20/=== /
ENT M >>	WNL / TM's clear / Oral mucosa moist
Neck M >>	WNL / Supple / Trachea midline / No
CV-heart M >>	WNL / Regular rate and rhythm / Normal
Respiratory M >>	WNL / Lungs clear / Respirations normal
Chest wall	WNL / No tenderness / No deformity
Drawing	None
Abdominal M >>	WNL / Normal BS / Soft / Nontender
Rectal M >>	WNL / Normal tone / Guaiac negative

A dropdown menu appears

3) Left click on “Save Macro as”

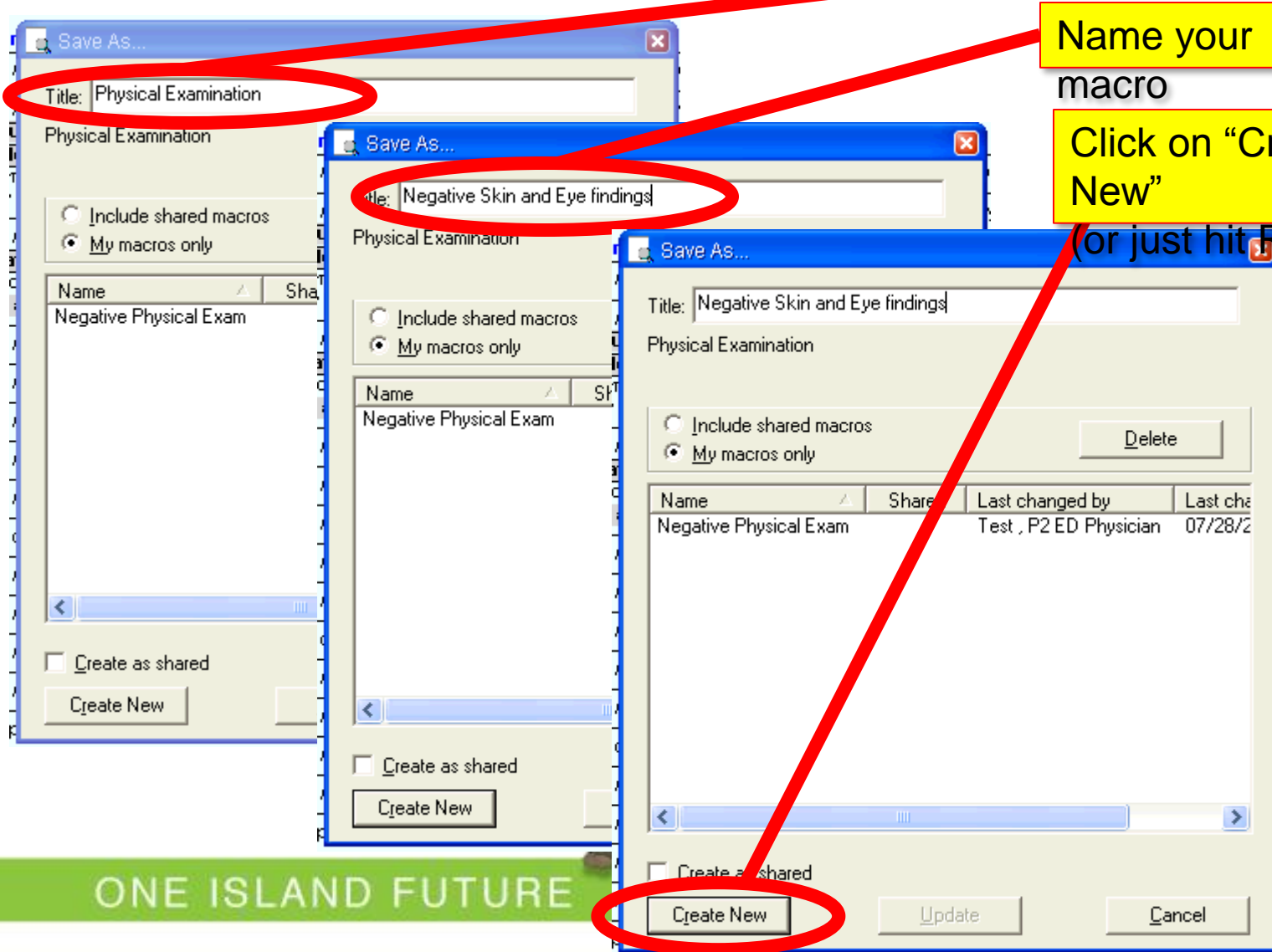
Physical Examination M <Hide Structure>

General a	to acute distress / Mild distress / Mod distress / Severe distress / Unresponsive / Other...
Skin M <<	Warm / Dry / No pallor / No rash / Good skin turgor / Pale / Ashen / Cyanotic / Cool / Diaphoretic / Jaundice / Mottled / Moist / Normal / Decreased / poor / tending / Other...
Eye M <<	ERRL / EOM / Normal conjunctiva / Icterus / Other... WNL / R / L / Bi / lid / conjunctiva / cornea / pupil / ===mm / fundoscopic exam / normal / erythema / inflammation / FB / blepharitis / ptosis / proptosis / papilledema / vertical nystagmus / horizontal nystagmus / Other... Acuity test: right eye: 20/=== / left eye: 20/=== / both eyes: 20/=== / w/ correction / w/o correction / able to count fingers / light only
ENT M >>	M's clear / Oral mucosa moist / No pharyngeal erythema or exudate / Other...
Neck M >>	Supple / Trachea midline / No tenderness / Enlarged nodes / Other...
CV-heart M >>	Regular rate and rhythm / Normal S1 & S2 / No extra heart sounds / No murmurs / Other...
Respiratory M >>	Lungs CTA / Respirations nonlabored / Other...
Chest wall M >>	No tenderness / No deformity / Other...
Drawing M >>	Swing
Abdominal M >>	WNL / Normal BS / Soft / Nontender / Non distended / No organomegaly / Other...
Rectal M >>	WNL / Normal tone / Guaiac negative - QC OK / Other...
Extremity M >>	WNL / Normal ROM / Normal tone / No swelling / No tenderness / Other...

Context menu options:

- Copy
- Paste
- Clear
- Negate
- Normal
- Comment...
- Repeat
- Reference
- Open
- Save Macro As..**
- Move up
- Move down
- Don't Document

4) Put your cursor in the Title line

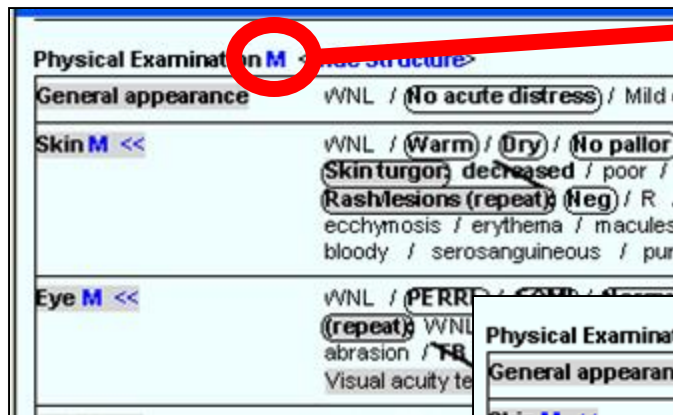


Name your macro

Click on "Create New"

(or just hit Return)

To pull up your macro:

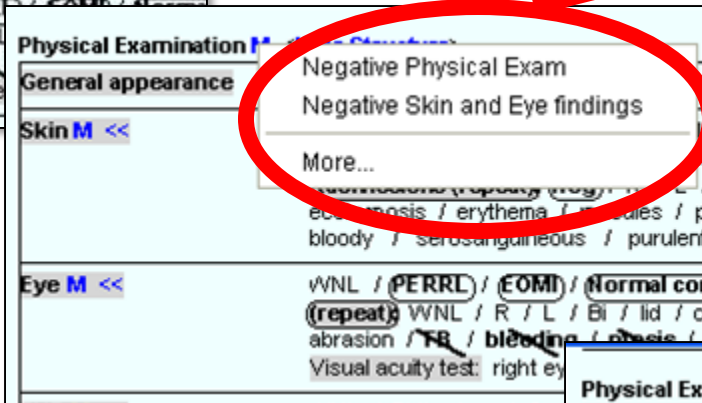


Put your cursor over the

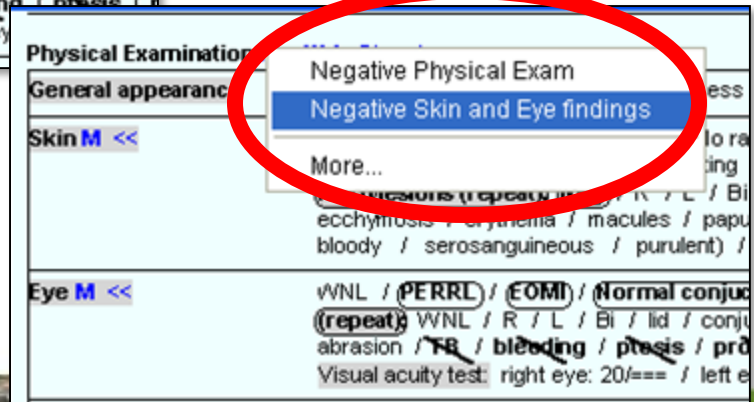
M

Right click on the

M

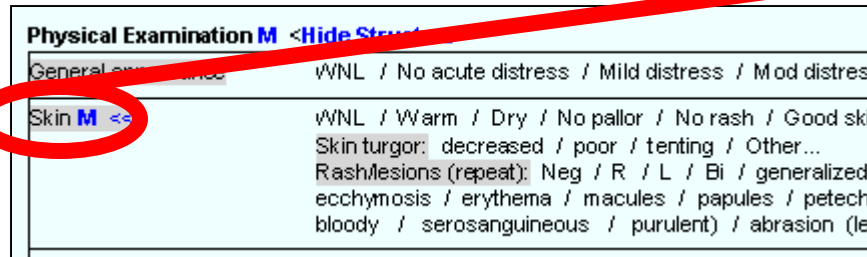


Left click on your
macro



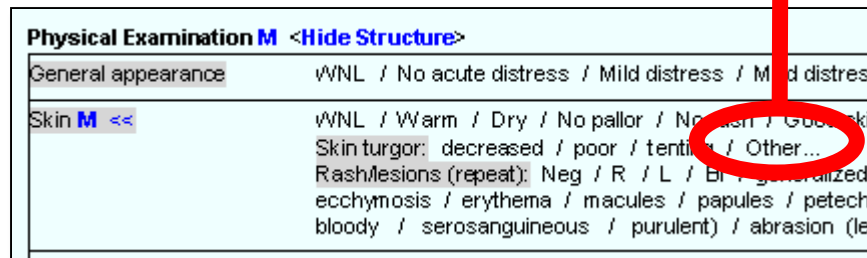
Sentence and Word macros

- To make a sentence macro, use the same steps, but save your macro at the sentence level.



Physical Examination M <Hide Structure>	
General appearance	WNL / No acute distress / Mild distress / Mod distress
Skin M <<	WNL / Warm / Dry / No pallor / No rash / Good skin Skin turgor: decreased / poor / tenting / Other... Rash/lesions (repeat): Neg / R / L / Bi / generalized ecchymosis / erythema / macules / papules / petechi bloody / serosanguineous / purulent) / abrasion (le

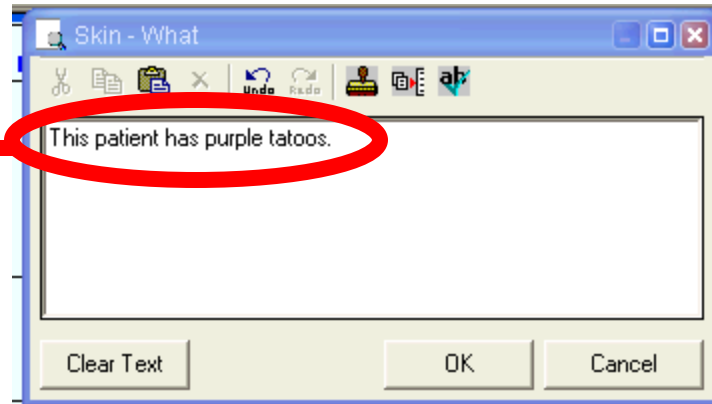
- To make a word macro, use the same steps, but save your macro at the word level.



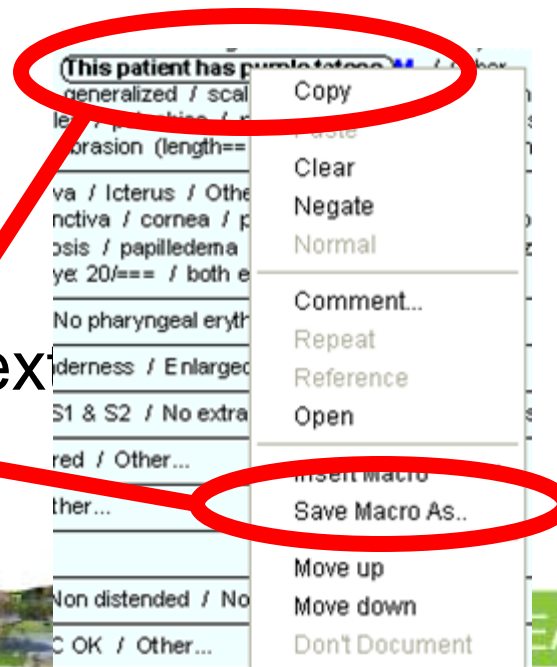
Physical Examination M <Hide Structure>	
General appearance	WNL / No acute distress / Mild distress / Mod distress
Skin M <<	WNL / Warm / Dry / No pallor / No rash / Good skin Skin turgor: decreased / poor / tenting / Other... Rash/lesions (repeat): Neg / R / L / Bi / generalized ecchymosis / erythema / macules / papules / petechi bloody / serosanguineous / purulent) / abrasion (le

Word macros

- Left click on “other”
- Type your macro text.
- Hit “OK” (or return)



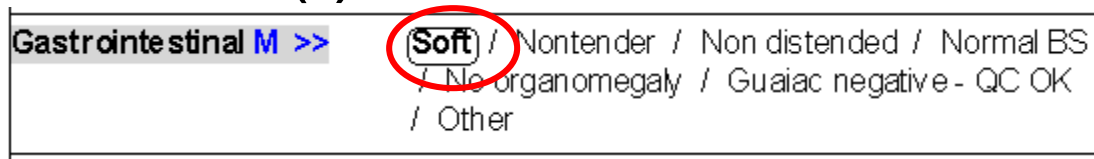
- To save your macro
 - ▶ Right click over your text
 - ▶ Use “Save Macro As”



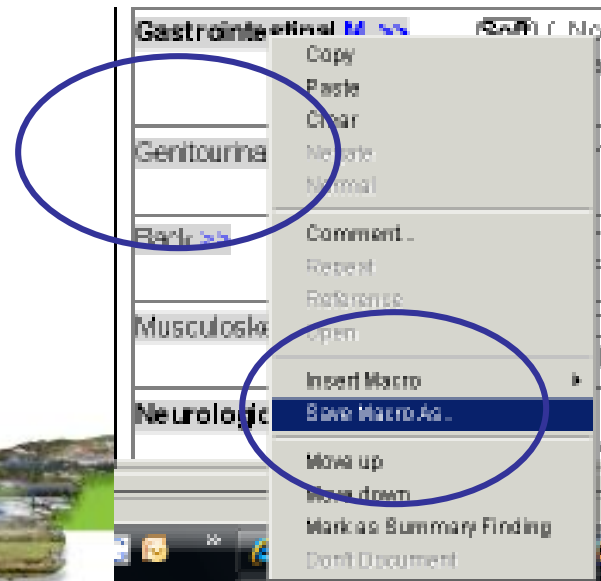
How to Delete a Macro



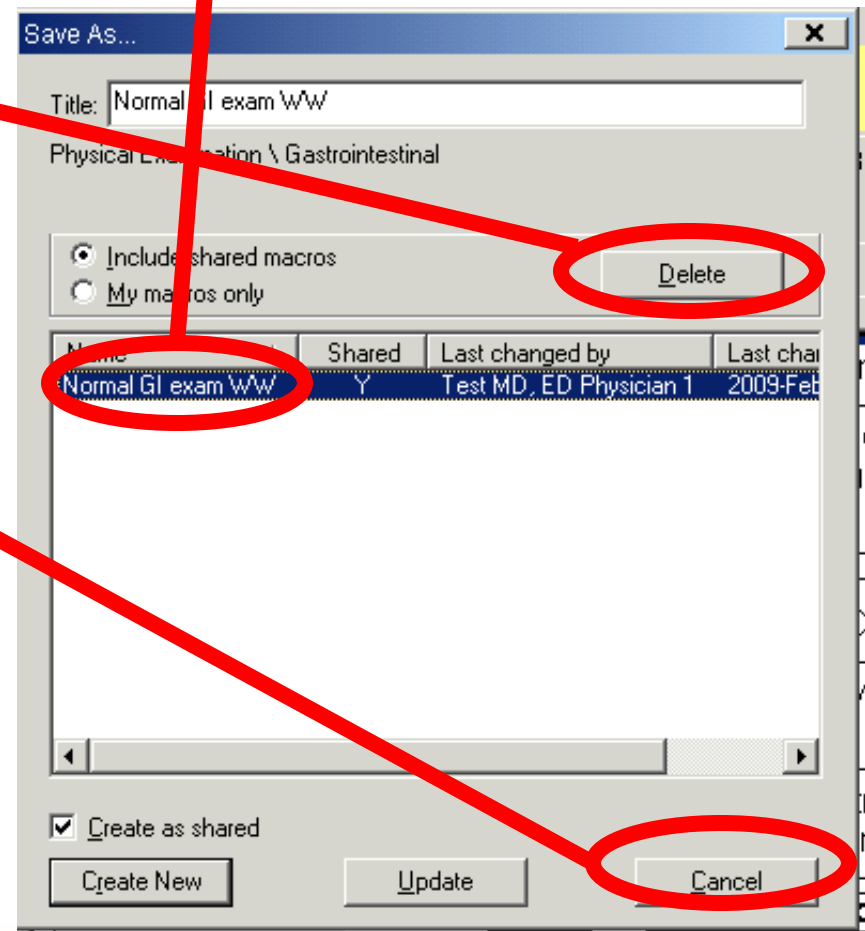
- Click SOME part of the template and “pretend” that you are about to make a new macro (!).



- Then right click over the heading (here, “Gastrointestinal”) and choose the “Save a Macro” option.



1. Highlight the macro that you want to delete, ie “Normal GI Exam WW”.
2. Then click delete.
3. Then hit cancel and you will be back in the PNED



If you find you are repeatedly clicking the same information in the PNEED for similar assessments this is an indication that a Macros would be beneficial.

