

NEUROSCIENCES TELE-NEUROLOGY CONSULTATION, ADULT, EMERGENCY DEPARTMENT & INPATIENT, GUIDELINE

Updated: May 2, 2022

Clinical guideline summary

CLINICAL GUIDELINE NAME: Neurosciences Tele-Neurology Consultation Guideline

PATIENT POPULATION AND DIAGNOSIS: Adult patients presenting to the Emergency Department with neurological issues such as [weakness](#), [altered mental status](#), [dizziness](#), [headaches](#), [multiple sclerosis](#), or [seizures](#).

APPLICABLE TO: BW, BL, & Regional ED and inpatient spaces

BRIEF DESCRIPTION: Collection of common neurological symptoms with a simplified direction for initial work-up prior to Tele-neurology involvement. The algorithms will help direct the workflow process for tele-neurology consultation. Following the algorithms will increase efficiency, decrease unnecessary testing, decrease length of stay, possibly decrease cost, and will provide more comprehensive data potentially preventing a need for a formal neurology consult.

OVERSIGHT TEAM LEADER(S): Dr. Michelle DeJesus and Dr. Amjad Abdallah

OWNING EXPERT IMPROVEMENT TEAM (EIT): Neurology

MANAGING CLINICAL PRACTICE COUNCIL (CPC): Acute Health and Neurology

CPC APPROVAL DATE: Acute Care: December 28, 2021; Neurology: February 18, 2022

OTHER TEAM(S) IMPACTED: Emergency department, hospitalists, neurology, radiology

OPTIMIZED EPIC ENHANCEMENTS:

IMPLEMENTATION DATE: May 2022

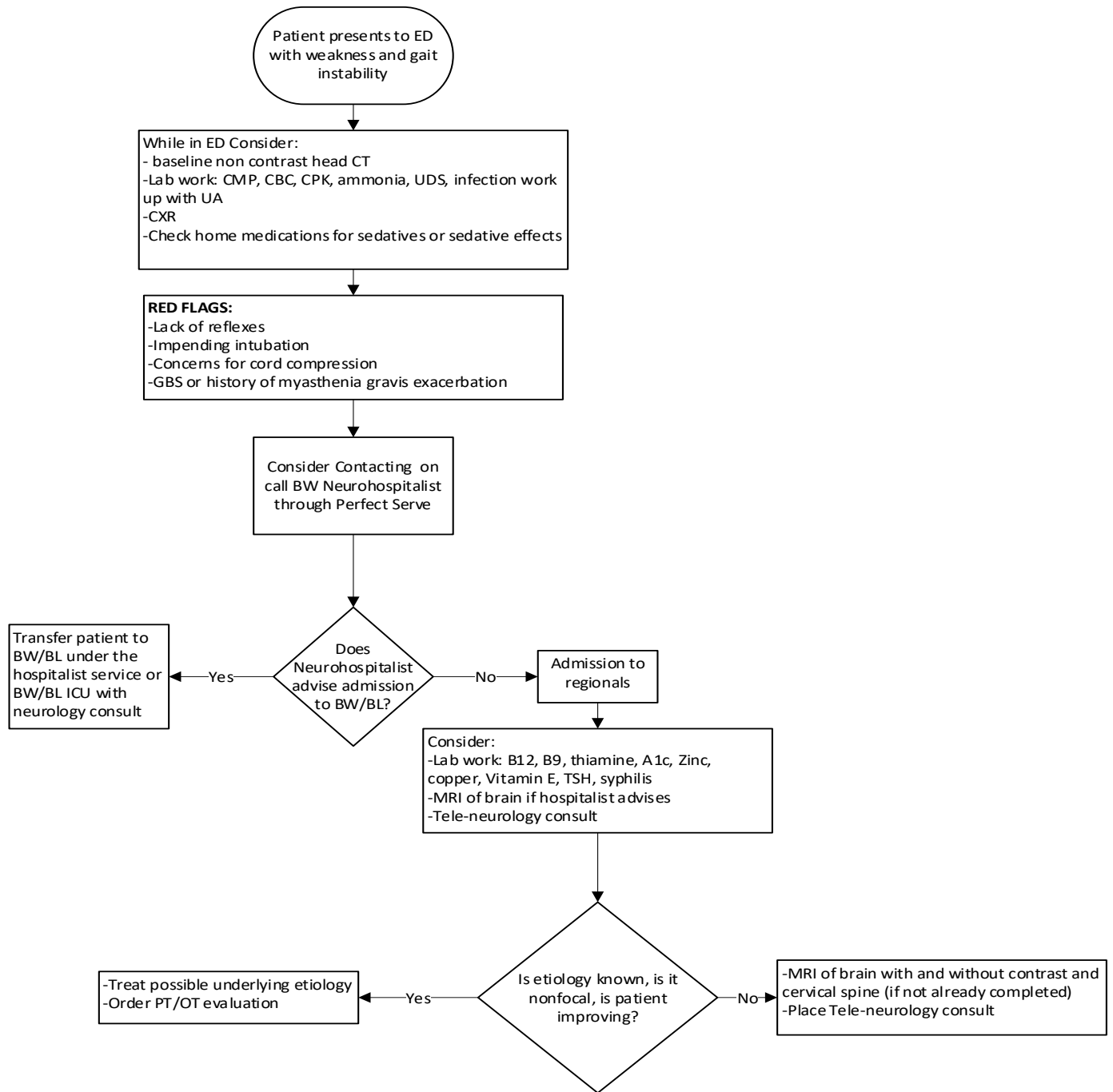
LAST REVISED: May 2, 2022

FOR MORE INFORMATION, CONTACT: Dr. Michelle DeJesus and Dr. Amjad Abdallah

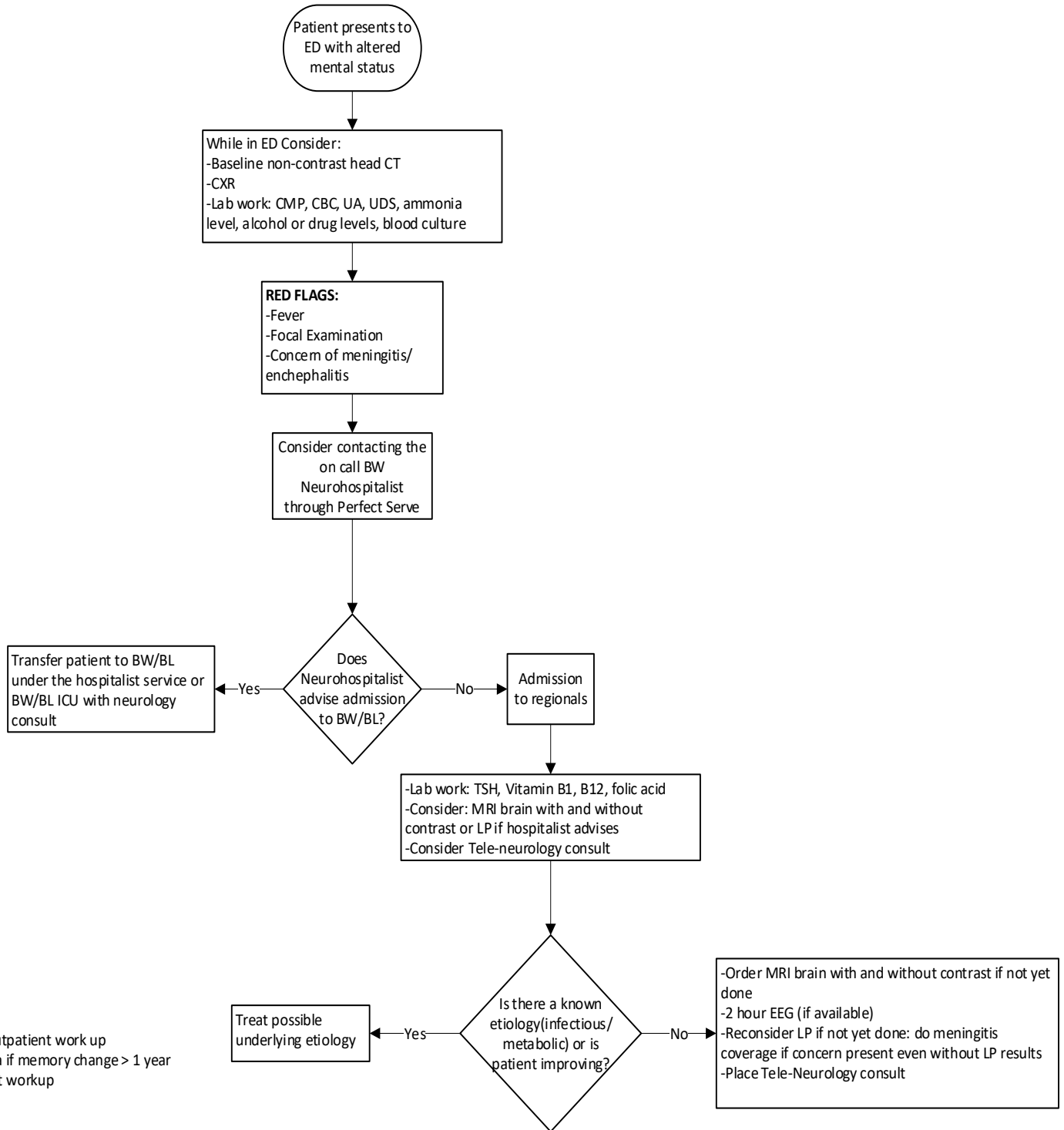
Clinical pathways clinical approach

Clinical algorithms:

Weakness or Gait Instability

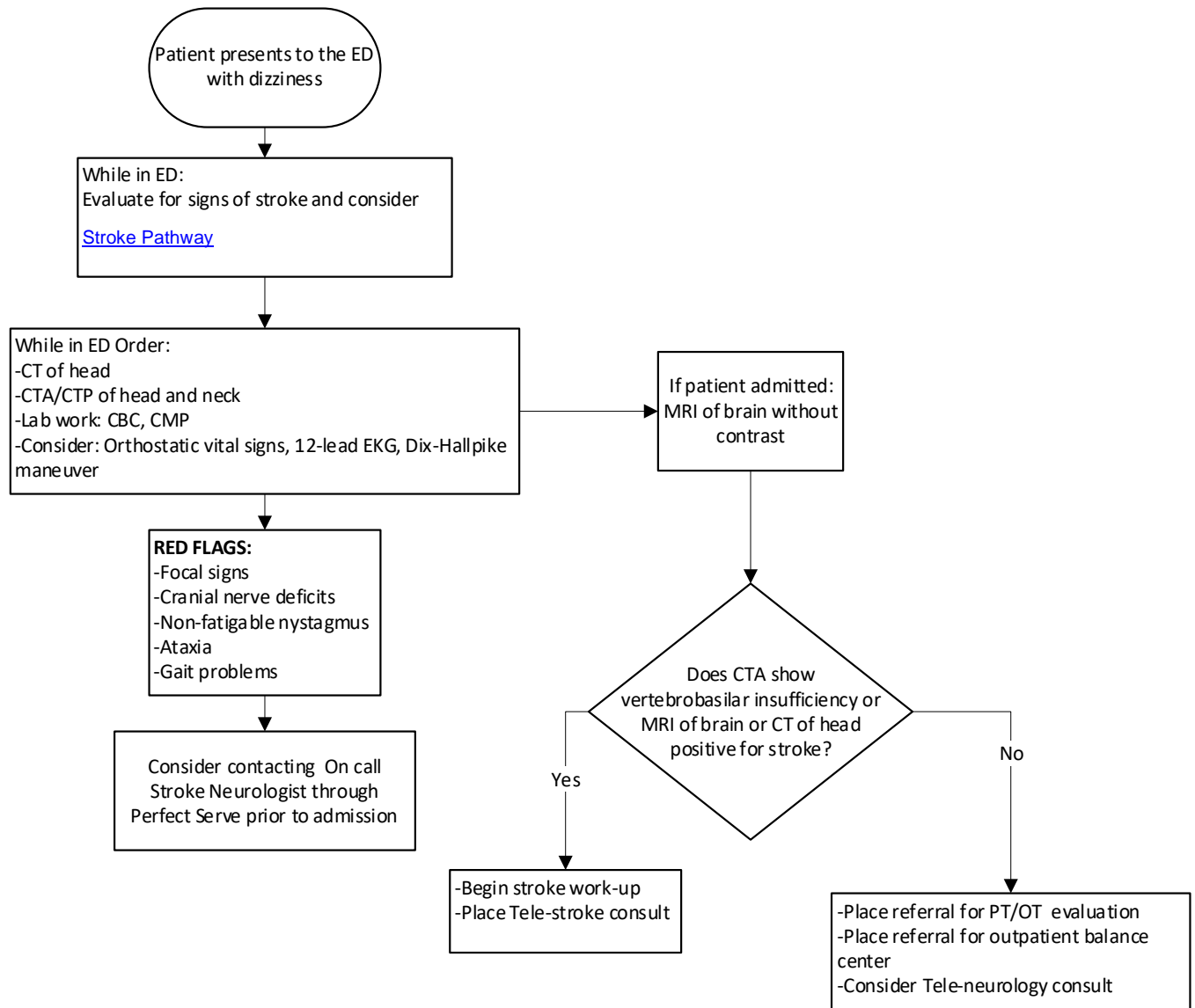


Altered Mental Status

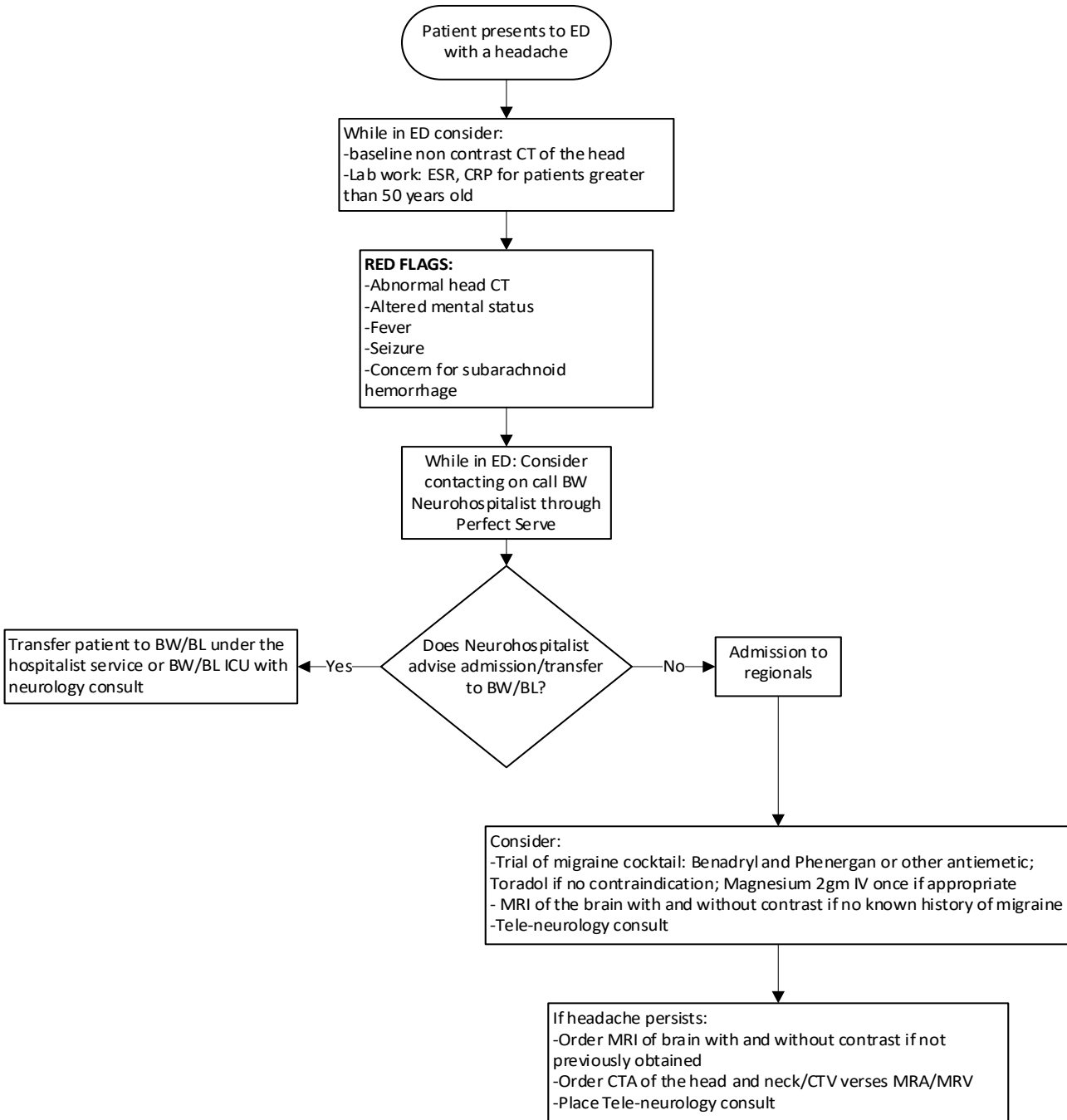


Note:
 -NPH is outpatient work up
 -Dementia if memory change > 1 year outpatient workup

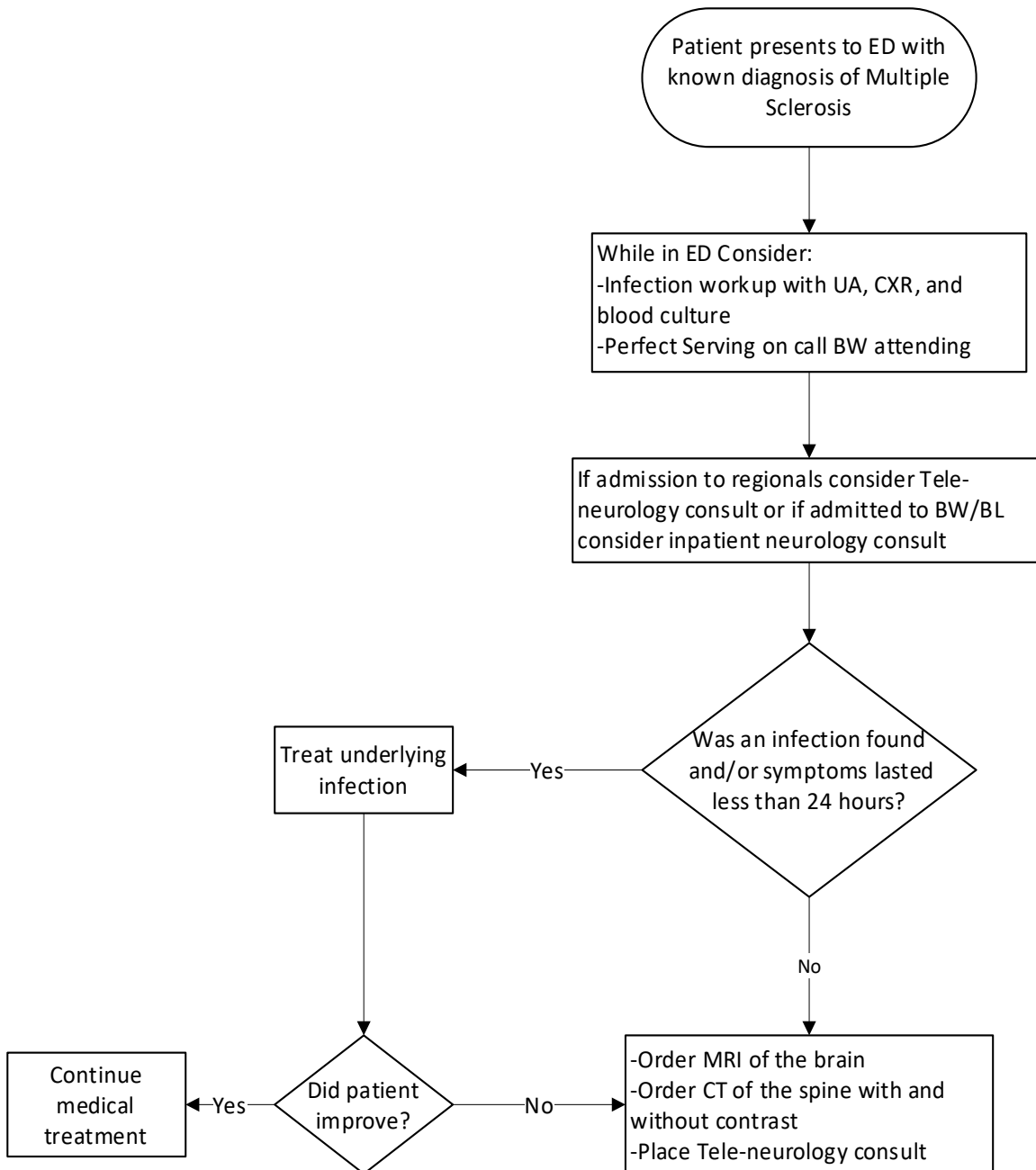
Dizziness



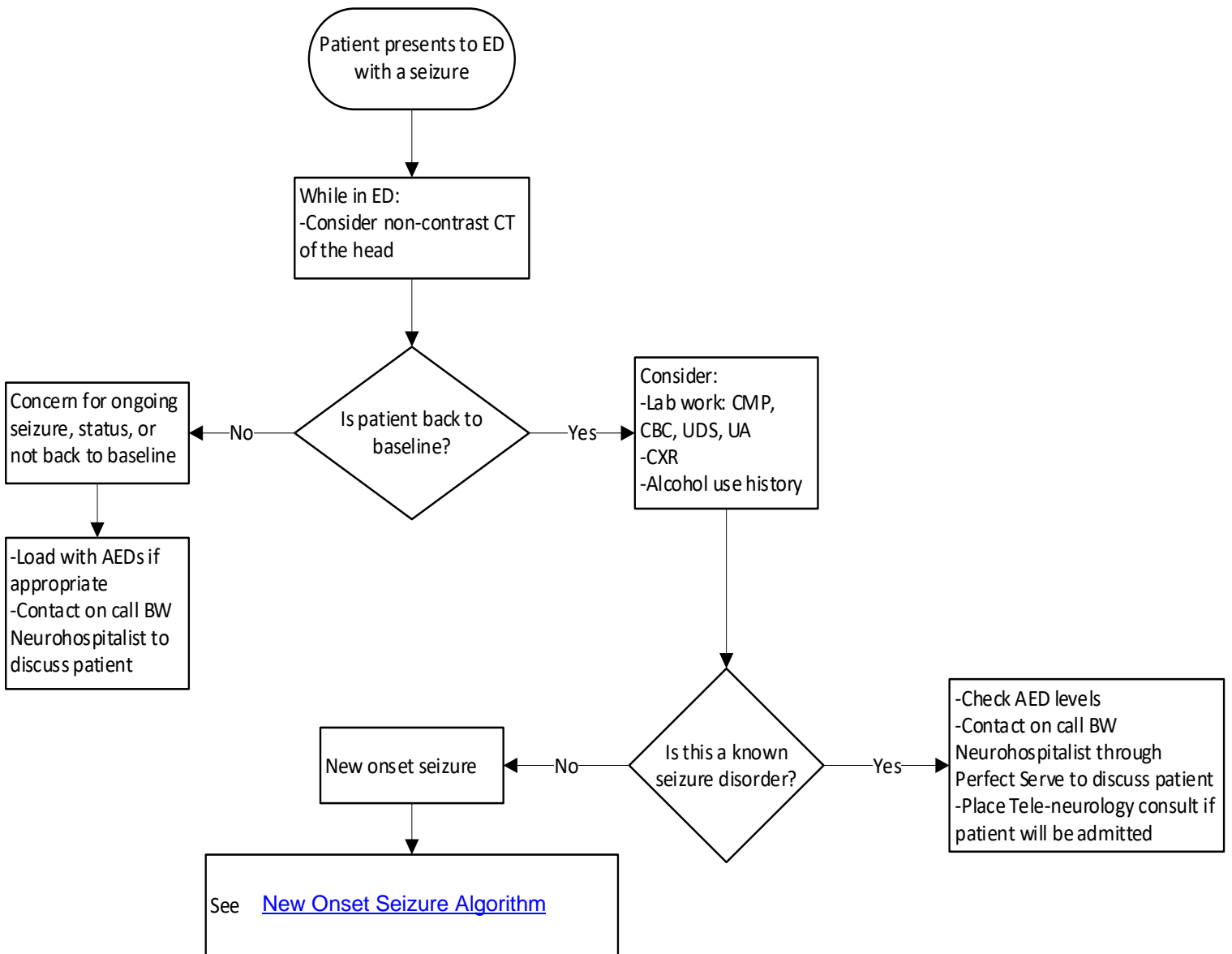
Headache



Multiple Sclerosis



Seizure



References:

1. Wirrell E. Evaluation of first seizure and newly diagnosed epilepsy. *Continuum*. 2022;28(2):230-260. doi:10.1212/CON.0000000000001074. <https://pubmed.ncbi.nlm.nih.gov/35393959/>
2. Dodick DW. Diagnosing secondary and primary headache disorders. *Continuum*. 2021;27(3):572-585. doi:10.1212/CON.0000000000000980. <https://pubmed.ncbi.nlm.nih.gov/34048392/>
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6. Maas MB. Critical medical illness and the nervous system. *Continuum*. 2020;26(3):675-694. doi:10.1212/CON.0000000000000869. <https://pubmed.ncbi.nlm.nih.gov/32487902/>