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O principal recurso online para  
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## Especial para alunos, professores e pós graduandos de Fonoaudiologia da Universidade Federal do Sergipe

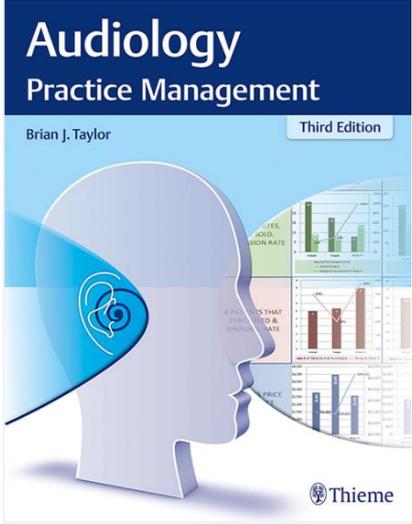
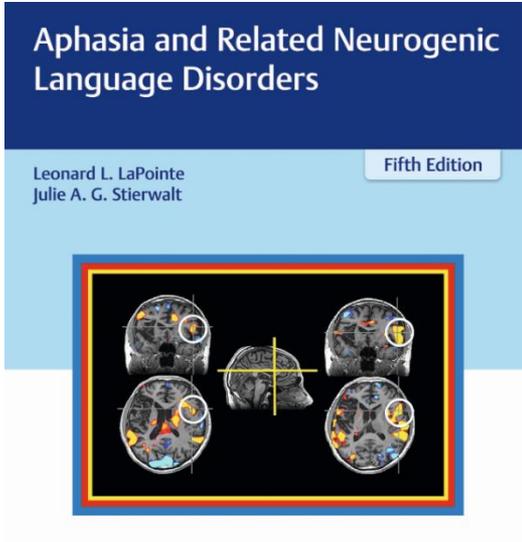
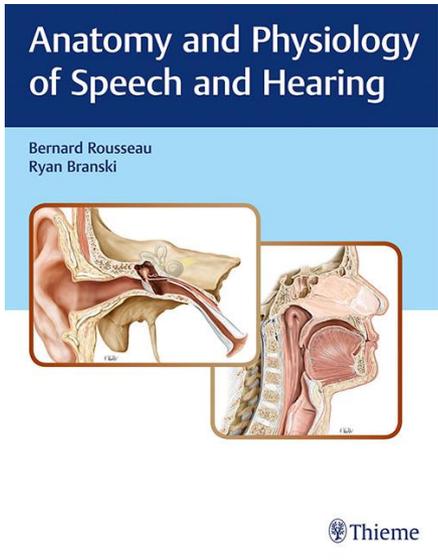
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- 50 eBooks em audiologia e patologia da fala ([Lista de títulos](#)).
- Acesso aos últimos 5 anos de 3 importantes periódicos da área:
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  - Seminars in Hearing
  - Seminars in Speech and Language
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# 376 Casos com perguntas e respostas

Case

Auditory Neuropathy Spectrum Disorder: Creating a Treatment Program  
From: [Pediatric Audiology Casebook](#) (2011; 1st Edition)

**Case 6 Auditory Neuropathy Spectrum Disorder: Creating a Treatment Program**

- Clinical History and Description
- Audiological Testing
- Questions for the Reader
- Discussion of Questions
- Additional Questions for the Reader
- Discussion of Additional Questions
- Diagnosis and Recommended Treatment
- Outcome
- Suggested Reading

Section 2 Complex Diagnostic Cases > Case 6 Auditory Neuropathy Spectrum Disorder: Creating a Treatment Program

## Auditory Neuropathy Spectrum Disorder: Creating a Treatment Program

Arlene Stredler Brown

**Quick access**

[Clinical History and Description](#) | [Audiological Testing](#) | [Questions for the Reader](#) | [Discussion of Questions](#) | [Additional Questions for the Reader](#) | [Discussion of Additional Questions](#) | [Diagnosis and Recommended Treatment](#) | [Outcome](#) | [Suggested Reading](#)

A 13-month-old boy comes to the audiology clinic with a hearing test from another facility that indicates hearing thresholds within normal limits. Speech and communication are not developing according to age expectations. His mother is concerned.

### Clinical History and Description

At 13 months of age, Chad was brought to the audiology clinic. His mother had noticed that Chad's listening skills were unlike those of his older brother, his listening ability seemed to fluctuate, and his speech and communication were not developing as she expected. Chad's pediatrician ordered a hearing test. The results of a previous test (administered when Chad was 11 months of age) indicated no response to stimuli presented in soundfield.

A case history revealed a normal pregnancy and an uneventful delivery. Newborn hearing screening was not conducted in the birthing hospital at the time Chad was born. Chad had an elevated bilirubin count at birth and spent 4 days under billights in the hospital and 1 additional day under billights at home.

Chad has a maternal uncle who had fluctuating hearing loss in the first few years of his life with subsequent progression. This uncle is a practicing attorney, wears amplification, is reported to listen and speak well, and depends on speechreading. As an adult, he has complained of fluctuations in hearing and some tinnitus. He has five children, all with hearing within normal limits.

Chad's mother was quite upset about Chad's development.

### Audiological Testing

A diagnostic battery was conducted at this clinic when Chad was 13 months of age. Results indicated an absent auditory brain stem response (ABR) and a robust cochlear microphonic. Otoacoustic emission (OAE) testing revealed robust OAEs bilaterally. Chad was not tested for middle ear muscle reflexes. His behavioral responses in soundfield, obtained through visual response audiometry (VRA), were at 15 to 20 dB. His SAT in soundfield, evidenced by cor





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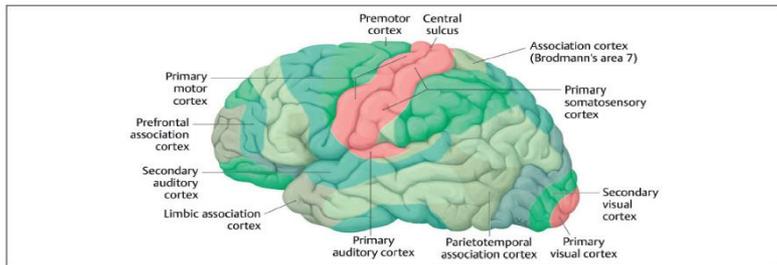


Image legend

Fig. 4.3 Functional organization of the neocortex, left lateral view. (Reproduced with permission from Schuenke et al. Illustration by Markus Voll.)

**Image in context**

Source: Aphasia and Related Neurogenic Language Disorders > 1 Brain Basics  
 Editor: Leonard L. LaPointe, Julie Stierwalt

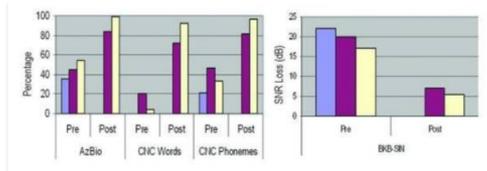


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Fig. 63.2 Comparison of pre- and postoperative aided speech recognition scores.

**Image in context**

Source: Adult Audiology Casebook > Discussion of Additional Questions to the Reader  
 Editor: Michael Valente, L. Maureen Valente

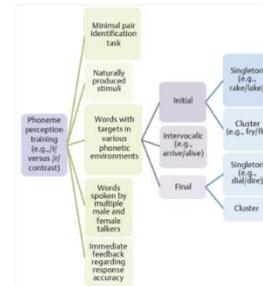


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Fig. 11.1 Characteristics of effective tasks for improving phoneme perception.

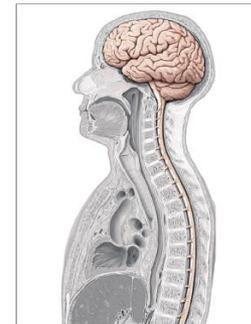


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Fig. 1.1 Cervical vertebrae in situ. (Reproduced with permission from Schuenke et al. Illustration by Markus Voll.)

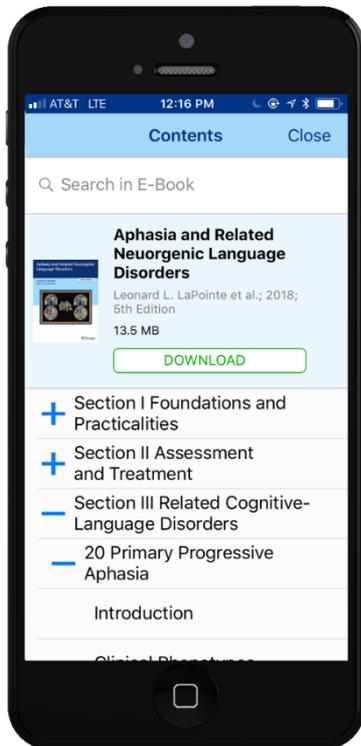
**Image in context**

Source: Aphasia and Related Neurogenic Language Disorders > 1 Brain Basics  
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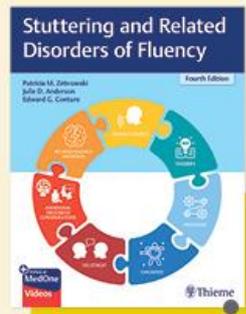


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**Stuttering and Related Disorders of Fluency**  
Fourth Edition  
Patricia M. Zebrowski  
Julie D. Anderson  
Edward G. Conture

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## ✦ Content Collections

- SLP Aphasia and Dysphagia in a Resident of a Skilled Nursing Facility
- SLP Augmentative and Alternative Communication for a Client with Broca's Aphasia
- SLP Compensatory and Restorative Application of AAC in Chronic, Severe Aphasia

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- SLP Team Aphasia

## Referenz

## E-Journals

## E-Books

- LaPointe, Stierwalt  
Aphasia and Related  
Neurogenic Language Disorders

## Chapter

- SLP Augmentative and Alternative Communication for a Client with Broca's Aphasia  
Speech-Language Pathology Casebook, 2020
- SLP Stroke-Induced Aphasia and Dysphagia: Acute and Long-Term Implications  
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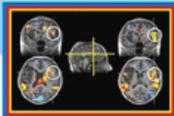
**Clique sobre o item escolhido**

[Leonard L. LaPointe](#), [Julie Stierwalt](#)

## Aphasia and Related Neurogenic Language Disorders

Aphasia and Related Neurogenic  
Language DisordersLeonard L. LaPointe  
Julie A. G. Stierwalt

5th Edition



Current edition

Source: Aphasia and Related  
Neurogenic Language Disorders.  
[LaPointe L](#), [Stierwalt J](#), ed. 5th  
Edition. New York: Thieme; 2018.  
doi:10.1055/b-005-148885

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Section I Foundations and Practicalities &gt; 1 Brain Basics

## Section I Foundations and Practicalities

### 1 Brain Basics

#### Quick access

- > Introduction
- > Basics of Neuroscience
- > CNS Divisions
- > Summary
- > Chapter Review
- > References

A  A

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Content

## Section I Foundations and Practicalities

### 1 Brain Basics

2 Humanistic Basics:  
Accommodation, Adjustment, and  
*Aristos*

3 Aphasia Theory, Models, and  
Classification

4 Neuroimaging and Brain-Based  
Communication Disorders

5 Care for People with Aphasia and  
Related Neurogenic Communication  
Disorders in Acute Hospital Settings

6 Multicultural and Multilingualistic

## 1 Brain Basics

### Quick access

- > Introduction
- > Basics of Neuroscience
- > CNS Divisions
- > Summary
- > Chapter Review
- > References

1

Leonard L. LaPointe

### Introduction

The brain is a modest yet spectacular thing. In this 3.5 pounds of gelatinous squish tissue rests everything we are or have ever been. The brain is the seat and soul of our fears, our joys, our achievements, our relationships, our creativity, our happiness, our sadness, our identity, our memory, and our history. The brain allows us to acquire language, to interact with one another, to cajole and console, to cheer, to thank, to joke, to sing off-key, to talk to the animals, and to aspire. The miracle of language makes us human, more so than the opposable thumb and the ability to conceptualize death and subsequently fear it. Pessimists among us would say that the brain is inextricably linked to abilities to lie, steal, cheat, go to war, and ruin our nest. But, for all human foibles, there is ample evidence that language and intraspecies communication is responsible for the sum of human achievements, altruism, and decency. Debates on what makes us human have boiled for generations but always atop the list of human attributes is language and sophisticated communication.<sup>1</sup> The brain has been rhapsodized in poem and song and called everything from an enchanted loom that weaves a never-ending stream of dissolving patterns to a computer on steroids.<sup>2</sup>

Listen to Diane Ackerman<sup>3</sup> talk about

*Shaped a little like a loaf of French*

*with nonstop neural conversations.*

*Imagine the brain, that shiny mound of being, that mouse-gray parliament of cells, that dream factory, that petit tyrant inside a ball*

2



1 – Pule direto para uma das partes do texto

2 – Marque o texto com o mouse, atribua uma categoria, crie uma Nota

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Edição atual



Fonte: Afasia e Distúrbios  
Neurogênicos Relacionados da  
Linguagem. La Pointe L, Stierwalt J,  
ed. 5ª Edição. Nova York: Thieme;  
2018. doi:10.1055/b-005-148885

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Conteúdo

## Seção I Fundamentos e Praticidades

### + 1 Noções Básicas do Cérebro

+ 2 Fundamentos Humanísticos:  
Acomodação, Ajuste e *Aristos*

+ 3 Teoria, Modelos e Classificação da  
Afasia

+ 4 Neuroimagem e Distúrbios da  
Comunicação Baseada no Cérebro

+ 5 Cuidados para Pessoas com Afasia  
e Distúrbios de Comunicação

## 1 Noções Básicas do Cérebro

### Acesso rápido

- > Introdução
- > Noções básicas de neurociência
- > Divisões do SNC
- > Resumo
- > Revisão do Capítulo
- > Referências

Leonard L. La Pointe

### Introdução

O cérebro é uma coisa modesta, mas espetacular. Nestes 3,5 quilos, o cérebro é a sede e a alma de nossos medos, nossas alegrias, nossa felicidade, nossa tristeza, nossa identidade, nossa memória e nossa conexão com os outros, persuadir e consolar, aplaudir, agradecer, brincar, e a linguagem nos torna humanos, mais do que o polegar opositor e a oposição. Os pessimistas entre nós diriam que o cérebro está inextricavelmente arruinando nosso ninho. Mas, foi todas as fraquezas humanas, há milhões de anos, são responsáveis pela soma das realizações humanas, altruísmo e generosidade por gerações, mas sempre no topo da lista de atributos humanos está a linguagem e a comunicação sofisticada. <sup>1</sup> O cérebro foi rapsodizado em poemas e canções e chamado de tudo, desde um tear encantado que tece um fluxo interminável de padrões em dissolução até um computador com esteróides. <sup>2</sup>

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**Images**



Fig. 1.1 Central nervous system, in situ, left lateral view...

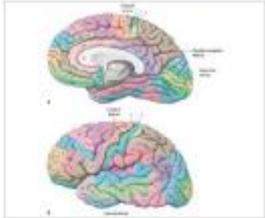


Fig. 1.2 Brodmann's areas in the neocortex. (a) Midsagittal...



Fig. 1.3 Functional organization of the neocortex, left lateral view...

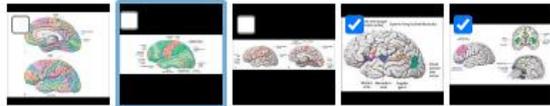


Fig. 1.4 Arteries of the cerebrum and functional centers on the surface of...

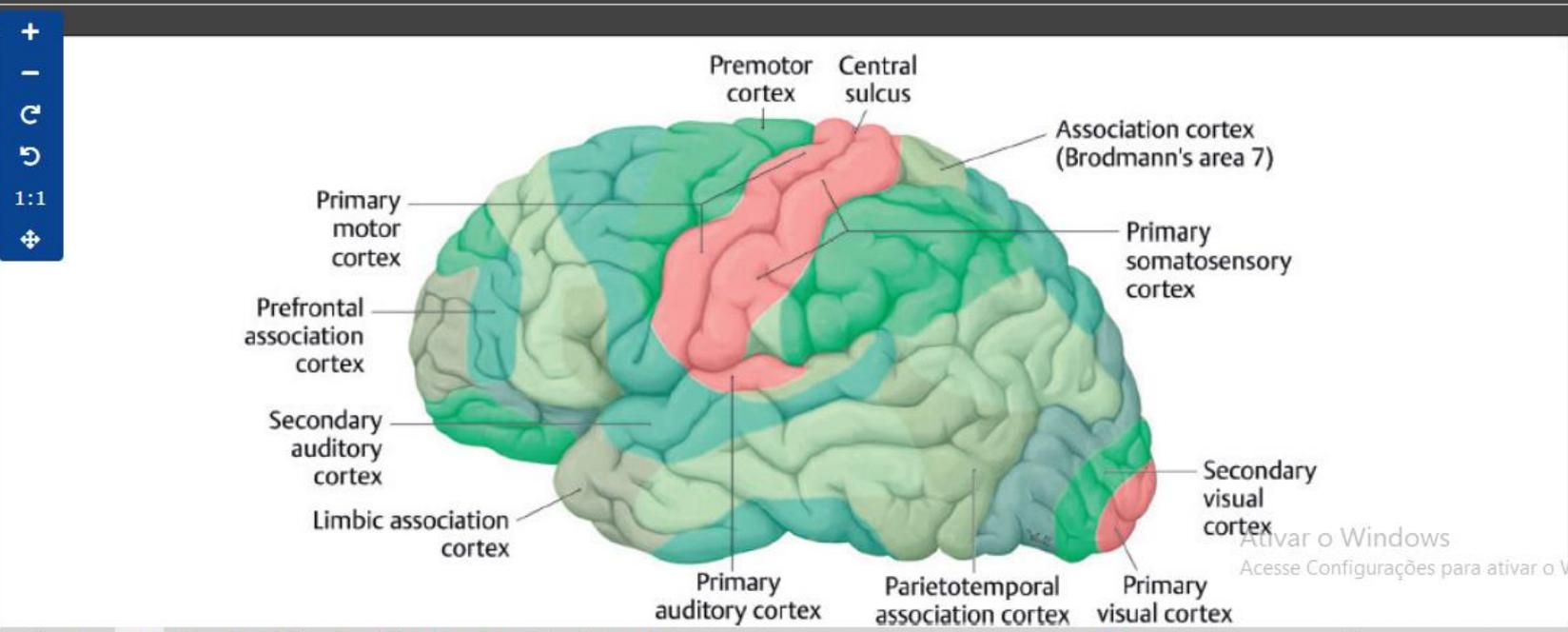
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The brain and the human nervous system are vital to (interoception) or outside (exteroception) the body. The brain keeps us in touch with our environment. It allows a chickadee; view the sunset at Cedar Key; touch the to move or communicate within the environment (swi dismount from the pommel horse; operate the lever c and smell she needs a diaper change). In our special for the vast spectrum of human communication, such you are in the produce section of the market, near th

This topic is important to learn because it forms the fi will aid greatly in solving clinical problems and is the and adults. Children have tiny nervous systems; this both diagnosis and treatment of the myriad disorders understand the basis of many of these maladies. The about basic genetic and microscopic aspects of our ne malleability of brain structures, and its enigmatic nest

nd Related Neurogenic Language Disorders 2018; 5th

Neuroscience

ersity of human communication's percep m that can be subdivided and discussed new neuroanatomy book designed for c on one is to divide the nervous system

The brain and spinal cord comprise the med by the nerves that emerge from th ur vast collection of muscles, tissues, a rized as gray matter or white conductin on gross examination of a specimen an d with myelin and appear gray to the n , which is not entirely possible in such i the swimming pool from a balcony, the

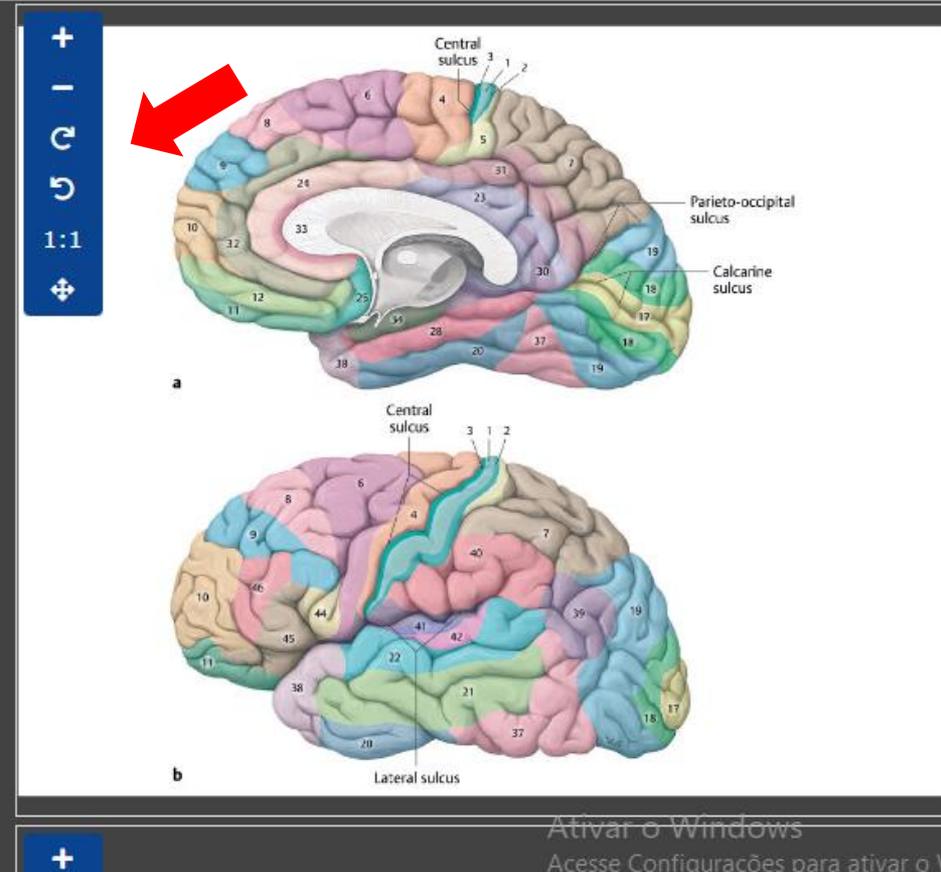
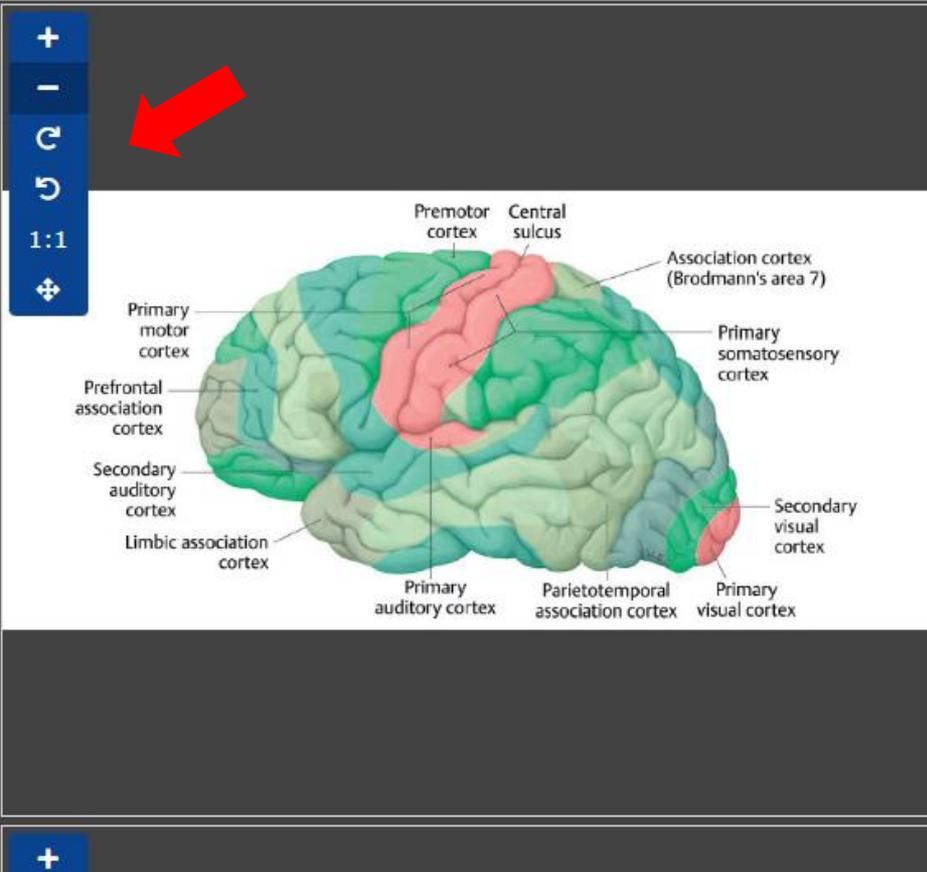
tral nervous system, in situ, left lateral view. (Reproduced with permission ke et al. Illustration by Markus Voll.)<sup>4</sup>

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