**Current Practices of Portuguese Speech-Language Pathologists with Preschool-Age Children with Pragmatic Impairment: A Cross-Sectional Survey**

**Questionnaire**

I have understood the explanation provided to me about the research that will be conducted. I understand that, in accordance with the Declaration of Helsinki, I have been informed about the aims and methods of this study. I may refuse at any time to participate in this study without any damage. I understand that the results of the study may be published in scientific journals, presented at conferences, or used in other research without any breach of confidentiality.

Mark only one option.

* I consent to the use of the data for these purposes and consent to being administered the questionnaire proposed by the researcher.
* I do not consent to the use of the data for these purposes and I do not consent to being administered the questionnaire proposed by the researcher.

**1. Sociodemographic information**

1.1. Date of birth \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1.2. Gender \*

Mark only one option.

* Female
* Male
* I don't want to answer

**2. Academic education**

2.1. Please indicate your initial academic degree: \*

Mark only one option.

* Bachelor's Degree
* Graduation course

2.2. Besides your degree, do you have any other academic degree?

Mark only one option.

* Yes
* No

2.2.1. 2nd cycle

2.2.1.1. Do you have or are you enrolled in a master' s degree program? \*

Mark only one option.

* Yes
* No

2.2.1.1.1. Is it finished? \*

Mark only one option.

* Yes
* No

2.2.2. 3rd cycle

2.2.2.1. Do you have or are you enrolled in a Ph.D.? \*

Mark only one option.

* Yes
* No

2.2.2.1.1. Is it finished? \*

Mark only one option.

* Yes
* No

**3. Professional experience**

3.1. Please indicate your current employment status: \*

Mark only one option.

* Full-time employee
* Part-time employee
* Unemployed
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.2. Are you currently working as Speech Therapist? \*

Mark only one option.

* Yes
* No

3.2.1. Years of professional experience: \*

Mark only one option.

* Less than 1 year
* Between 1 and 3 years
* Between 3 and 6 years old
* Between 6 and 10 years
* More than 10 years

3.2.2. Please indicate, approximately, the age of the population you work with most of

the time:

Mark all that apply.

* 0 - 18 months
* 18 months - 3 years
* 3 - 6 years
* 6 - 12 years old
* 12 - 20 years
* 21 - 65 years old
* More than 65 years old

**4. Additional education in the field of pragmatics**

4.1. Have you attended any further training in the language area of children, particularly with regard to pragmatics?

Mark only one option.

* Yes
* No

4.1.1. Were any topics regarding the work of the SLPs with preschool-age children addressed?

Mark only one option.

* Yes
* No

4.2. Regarding pragmatics, you feel you need to (you can select several options): \*

Mark all that apply.

* More academic training
* More practical training
* More knowledge in the field of prevention
* More knowledge, skills and assessment tools
* More knowledge, skills and intervention tools
* Bibliography in Portuguese
* Websites with reliable scientific information
* Access to recent studies conducted in Portugal
* Access to recent internationally developed studies
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5. Professional practice in the field of pragmatics**

5.1. Have you ever worked, or do you currently work, with preschool-age children with pragmatic impairment?

Mark only one option.

* Yes
* No

5.2. In the cases you follow or have followed, this impairment arise or have arisen from:

Mark only one option.

* Autism Spectrum Disorder
* Social Communication (Pragmatic) Disorder as classified by DSM-V (American Psychiatric Association, 2013) or Developmental Language Disorder (Bishop et al., 2017), also previously referred to as Specific Language Disorder (Friedman & Novogrodsky, 2008), Pragmatic Language Disorder (Bishop, 1998), Semantic-Pragmatic Disorder (Bishop & Rosenbloom , 1987) or Semantic-Pragmatic Syndrome (Rapin & Allen, 1983)
* Both

5.2.1. Autism Spectrum Disorder

5.2.1.1. Considering your length of professional experience, how many cases have you worked with Autism Spectrum Disorder, approximately?

Mark only one option.

* One to six
* Six to 20
* More than 20

5.2.1.2. By whom was the case or cases with Autism Spectrum Disorder referred? (several options may be selected)

Mark all that apply.

* Pediatrician
* Child Psychiatrist
* Preschool teacher
* Speech-Language Pathologist
* Psychologist
* Occupational Therapist
* Physiotherapist
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.1.3. At what age were most children referred? \*

Mark only one option.

* Less than 2 years
* Between 2 and 3 years
* Between 3 and 6 years

5.2.1.4. What kind of action/actions have you had or have with this population? \*

Mark all that apply.

* Prevention
* Screening
* Evaluation
* Intervention
* Other:

5.2.1.5. Assessment

5.2.1.5.1. What typology have you used or do you use to assess pragmatic skills at preschool age?

Mark only one option.

* Formal
* Informal

5.2.1.5.2. What instrument(s) have you used or are you using? \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.1.6. Intervention

5.2.1.6.1. Do you use any program, method, or approach to improve the pragmatic skills of preschool-age children?

Mark only one option.

* Yes
* No

5.2.1.6.1.1. If yes, please indicate which one or ones (write in full): \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.1.6.2. What kind of intervention did you or do you do? \*

Mark only one option.

* Direct
* Indirect
* Mixed (direct complemented with indirect)

5.2.1.6.3. The intervention was or is carried out in which context?

Mark all that apply.

* Hospital
* Clinical
* School
* Home

5.2.1.6.4. How often was or is the intervention performed? \*

Mark only one option.

* Bi-weekly
* Weekly
* Biweekly
* Monthly
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.1.6.5. The intervention was or is mostly carried out for what duration? \*

Mark only one option.

* Less than 30 minutes
* Between 30 and 45 minutes
* 45 minutes to one hour
* More than one hour

5.2.1.6.6. Which communicative partners participated or are participating in the intervention process?

Mark all that apply.

* Preschool teachers
* Peers
* Parents and/or caregivers
* None
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.1.6.7. How confident are you in intervening with preschool-age children with pragmatic impairment?

Mark only one option.

* Very high
* High
* Fair
* Low
* Very low

5.2.2. Developmental Language Disorder

5.2.2.1. Considering your length of professional experience, how many cases have you worked with Developmental Language Disorder, approximately?

Mark only one option.

* One to six
* Six to 20
* More than 20

5.2.2.2. By whom was the case or cases with Developmental Language Disorder referred? (several options may be selected)

Mark all that apply.

* Pediatrician
* Child Psychiatrist
* Preschool teacher
* Speech-Language Pathologist
* Psychologist
* Occupational Therapist
* Physiotherapist
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.2.3. At what age were most children referred? \*

Mark only one option.

* Less than 2 years
* Between 2 and 3 years
* Between 3 and 6 years

5.2.2.4. What kind of action/actions have you had or have with this population? \*

Mark all that apply.

* Prevention
* Screening
* Evaluation
* Intervention
* Other:

5.2.2.5. Assessment

5.2.2.5.1. What typology have you used or do you use to assess pragmatic skills at preschool age?

Mark only one option.

* Formal
* Informal

5.2.2.5.2. What instrument(s) have you used or are you using? \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.2.6. Intervention

5.2.2.6.1. Do you use any program, method, or approach to improve the pragmatic skills of preschool-age children?

Mark only one option.

* Yes
* No

5.2.2.6.1.1. If yes, please indicate which one or ones (write in full): \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.2.6.2. What kind of intervention did you or do you do? \*

Mark only one option.

* Direct
* Indirect
* Mixed (direct complemented with indirect)

5.2.2.6.3. The intervention was or is carried out in which context?

Mark all that apply.

* Hospital
* Clinical
* School
* Home

5.2.2.6.4. How often was or is the intervention performed? \*

Mark only one option.

* Bi-weekly
* Weekly
* Biweekly
* Monthly
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.2.6.5. The intervention was or is mostly carried out for what duration? \*

Mark only one option.

* Less than 30 minutes
* Between 30 and 45 minutes
* 45 minutes to one hour
* More than one hour

5.2.2.6.6. Which communicative partners participated or are participating in the intervention process?

Mark all that apply.

* Preschool teachers
* Peers
* Parents and/or caregivers
* None
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.2.6.7. How confident are you in intervening with preschool-age children with pragmatic impairment?

Mark only one option.

* Very high
* High
* Fair
* Low
* Very low

5.2.3. Both (Autism Spectrum Disorder and Developmental Language Disorder)

5.2.3.1 Autism Spectrum Disorder

5.2.3.1.1 Considering your length of professional experience, how many cases have you worked with Autism Spectrum Disorder, approximately?

Mark only one option.

* One to six
* Six to 20
* More than 20

5.2.3.1.2. By whom was the case or cases with Autism Spectrum Disorder referred? (several options may be selected)

Mark all that apply.

* Pediatrician
* Child Psychiatrist
* Preschool teacher
* Speech-Language Pathologist
* Psychologist
* Occupational Therapist
* Physiotherapist
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.1.3. At what age were most children referred? \*

Mark only one option.

* Less than 2 years
* Between 2 and 3 years
* Between 3 and 6 years

5.2.3.1.4. What kind of action/actions have you had or have with this population? \*

Mark all that apply.

* Prevention
* Screening
* Evaluation
* Intervention
* Other:

5.2.3.1.5. . Assessment

5.2.3.1.5.1. What typology have you used or do you use to assess pragmatic skills at preschool age?

Mark only one option.

* Formal
* Informal

5.2.3.1.5.1.1. What instrument(s) have you used or are you using? \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.1.6. Intervention

5.2.3.1.6.1. Do you use any program, method, or approach to improve the pragmatic skills of preschool-age children?

Mark only one option.

* Yes
* No

5.2.3.1.6.1.1. If yes, please indicate which one or ones (write in full): \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.1.6.2. What kind of intervention did you or do you do? \*

Mark only one option.

* Direct
* Indirect
* Mixed (direct complemented with indirect)

5.2.3.1.6.3. The intervention was or is carried out in which context?

Mark all that apply.

* Hospital
* Clinical
* School
* Home

5.2.3.1.6.4. How often was or is the intervention performed? \*

Mark only one option.

* Bi-weekly
* Weekly
* Biweekly
* Monthly
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.1.6.5. . The intervention was or is mostly carried out for what duration? \*

Mark only one option.

* Less than 30 minutes
* Between 30 and 45 minutes
* 45 minutes to one hour
* More than one hour

5.2.3.1.6.6. Which communicative partners participated or are participating in the intervention process?

Mark all that apply.

* Preschool teachers
* Peers
* Parents and/or caregivers
* None
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.1.6.7. How confident are you in intervening with preschool-age children with pragmatic impairment?

Mark only one option.

* Very high
* High
* Fair
* Low
* Very low

5.2.3.2. Developmental Language Disorder

5.2.3.2.1. Considering your length of professional experience, how many cases have you worked with Developmental Language Disorder, approximately?

Mark only one option.

* One to six
* Six to 20
* More than 20

5.2.3.2.2. By whom was the case or cases with Developmental Language Disorder referred? (several options may be selected)

Mark all that apply.

* Pediatrician
* Child Psychiatrist
* Preschool teacher
* Speech-Language Pathologist
* Psychologist
* Occupational Therapist
* Physiotherapist
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.2.3. At what age were most children referred? \*

Mark only one option.

* Less than 2 years
* Between 2 and 3 years
* Between 3 and 6 years

5.2.3.2.4. What kind of action/actions have you had or have with this population? \*

Mark all that apply.

* Prevention
* Screening
* Evaluation
* Intervention
* Other:

5.2.3.2.5. Assessment

5.2.3.2.5.1. What typology have you used or do you use to assess pragmatic skills at preschool age?

Mark only one option.

* Formal
* Informal

5.2.3.2.5.2. What instrument(s) have you used or are you using? \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.2.6. Intervention

5.2.3.2.6.1. Do you use any program, method, or approach to improve the pragmatic skills of preschool-age children?

Mark only one option.

* Yes
* No

5.2.3.2.6.1.1. If yes, please indicate which one or ones (write in full): \*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.2.6.2. What kind of intervention did you or do you do? \*

Mark only one option.

* Direct
* Indirect
* Mixed (direct complemented with indirect)

5.2.3.2.6.3. The intervention was or is carried out in which context?

Mark all that apply.

* Hospital
* Clinical
* School
* Home

5.2.3.2.6.4. How often was or is the intervention performed? \*

Mark only one option.

* Bi-weekly
* Weekly
* Biweekly
* Monthly
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.2.6.5. The intervention was or is mostly carried out for what duration? \*

Mark only one option.

* Less than 30 minutes
* Between 30 and 45 minutes
* 45 minutes to one hour
* More than one hour

5.2.3.2.6.6. Which communicative partners participated or are participating in the intervention process?

Mark all that apply.

* Preschool teachers
* Peers
* Parents and/or caregivers
* None
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.2.3.2.6.7. How confident are you in intervening with preschool-age children with pragmatic impairment?

Mark only one option.

* Very high
* High
* Fair
* Low
* Very low

Thanks for your collaboration!