

Clinical Pragmatics

Many children and adults experience significant breakdown in the use of language. The resulting pragmatic disorders present a considerable barrier to effective communication. This book is the first critical examination of the current state of our knowledge of pragmatic disorders and provides a comprehensive overview of the main concepts and theories in pragmatics. It examines the full range of pragmatic disorders that occur in children and adults and discusses how they are assessed and treated by clinicians. Louise Cummings attempts to integrate the fields of pragmatics, language pathology and cognitive science by examining the ways in which pragmatics can make a useful contribution to debates about cognitive theories of autism. The reader is encouraged to think in a critical fashion about how clinicians, experimentalists and theorists deal with pragmatic issues.

LOUISE CUMMINGS is Reader in Linguistics in the School of Arts and Humanities at Nottingham Trent University.



Clinical Pragmatics

Louise Cummings







Shaftesbury Road, Cambridge CB2 8EA, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314-321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi - 110025, India

103 Penang Road, #05-06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of Cambridge University Press & Assessment, a department of the University of Cambridge.

We share the University's mission to contribute to society through the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9780521888455

© Louise Cummings 2009

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press & Assessment.

First published 2009

A catalogue record for this publication is available from the British Library

Library of Congress Cataloging-in-Publication data Cummings, Louise.

Clinical pragmatics / Louise Cummings.

p.; cm.

Includes bibliographical references and index.

ISBN 978-0-521-88845-5 (hardback) 1. Speech disorders.

2. Speech therapy. 3. Pragmatics. I. Title.

[DNLM: 1. Language Disorders. 2. Communication Disorders.

WL 340.2 C971c 2009]

RC423.C86 2009

616.85′5–dc22 2009007868

ISBN 978-0-521-88845-5 Hardback

Cambridge University Press & Assessment has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.



> In fond memory of my grandparents Nan & Bob Cummings Ruby & James Stewart



Contents

Pι	eface	2	page ix
Αc	knov	vledgements	xi
1	Cli	nical pragmatics: theory and practice	1
	1.1	Introduction	1
	1.2	The scope of clinical pragmatics	4
	1.3	The emergence of clinical pragmatics	9
	1.4	1 0	12
		1.4.1 Speech acts	13
		1.4.2 Implicatures	14
		1.4.3 Presuppositions	16
		1.4.4 Deixis	17
		1.4.5 Context	18
		1.4.6 Non-literal language	21
		1.4.7 Conversation	21
		1.4.8 Discourse	23
		1.4.9 Relevance theory	24
	1.5	1.4.10 Cognition and pragmatics	26
	1.5 1.6	1 , 1 &	29 32
	1.7	Primary and secondary pragmatic disorders Pragmatic deficits and pragmatic preservation	34
	Note		35
2		urvey of developmental pragmatic disorders	40
		Introduction	40
		Developmental language disorder	42
		Autistic spectrum disorder	53
	2.4		60
	2.5		67
	Note	es	76
3	A s	urvey of acquired pragmatic disorders	88
J	3.1	Introduction	88
	3.2	Left-hemisphere damage	90
	3.3	Right-hemisphere damage	96
	3.4	Schizophrenia	100
	3.5	Traumatic brain injury	104
	3.6	Neurodegenerative disorders	108
	Note	es	112

vii



viii		Contents			
4	The	contribution of pragmatics to cognitive theories of autism Introduction	118 118		
	4.1	Cognitive theories of autism	118		
	4.2	4.2.1 Theory of mind (ToM) theory	119		
		4.2.2 Weak central coherence (WCC) theory	121		
		4.2.3 Executive function (EF) theory	121		
	4.3	The relationship between cognitive theories	123		
	4.4	The criterion of pragmatic adequacy	125		
	4.5	A pragmatic challenge to cognitive theories	128		
	4.6	The validity of pragmatic adequacy	134		
	Note		135		
5	The	cognitive substrates of acquired pragmatic disorders	139		
	5.1	Introduction	139		
	5.2	Pragmatic theory	142		
		5.2.1 Relevance theory	143		
		5.2.2 Modular pragmatics	148		
	5.3	Cognitive theory	158		
		5.3.1 Theory of mind theories	159		
		5.3.2 Executive function deficits	168		
	Note	S	170		
6	The	assessment and treatment of pragmatic disorders	177		
	6.1	Introduction	177		
	6.2	Pragmatic language assessment	180		
		6.2.1 Pragmatics profiles and checklists	180		
		6.2.2 Pragmatics tests	185		
		6.2.3 Conversation analysis	187		
		6.2.4 Discourse analysis	191		
	6.3	Pragmatic language intervention	195		
		6.3.1 Conversation skills	197		
		6.3.2 Social communication	202		
		6.3.3 Pragmatic skills training	204		
		6.3.4 Teaching theory of mind	207		
	Note	S	209		
7	A critical evaluation of pragmatic assessment				
	and	treatment techniques	216		
	7.1	Introduction	216		
	7.2	The domain of pragmatics	216		
	7.3	Clinical studies of pragmatics	218		
	7.4	Implications for the management of pragmatic disorders	229		
		7.4.1 Pragmatic language assessment	230		
		7.4.2 Pragmatic language intervention	237		
	7.5	Overcoming problems of definition and delimitation	243		
	7.6	Conclusion	249		
	Note	S	250		
Bil	oliogi	raphy	256		
_	Index		299		



Preface

When different disciplines converge on the study of a set of phenomena, one of several things can happen. In one scenario, these disciplines can begin to embrace the concepts, theories and methodologies of those fields of enquiry that are concerned to explain the same phenomena. The result is a genuinely interdisciplinary enquiry which leads to theoretical and other gains that were not realised within any single discipline. In another scenario, the same disciplines can acknowledge shared explanatory interests and can even engage with the concepts and frameworks of neighbouring areas of enquiry. However, to all intents and purposes, there is only the appearance of interdisciplinary enquiry and research proceeds largely along disciplinary lines. In yet another scenario, individual disciplines operate alongside each other with little interest in how other fields of enquiry are attempting to explain essentially the same phenomena. For much of the thirty-year history of clinical pragmatics, the disciplines that have come together to give rise to this field of study (largely pragmatics and language pathology) have displayed the characteristics of the second and third scenarios outlined above. The result has been considerable disarray, with clinical studies undertaken more often than not because they can be done, not because they should be done. No one has gained from this situation, least of all our child and adult clients with pragmatic disorders.

This book addresses what is currently known about a range of pragmatic disorders in children and adults. Pragmatic disorders are now a significant area of clinical language study. Yet, for all their interest to clinical researchers and practitioners, there has been much in the short history of clinical pragmatics that has been problematic. While clinical studies have proceeded apace, they have often done so in a theoretical vacuum. The result has been a large, sprawling body of findings that bear little relation to each other and are not even faithful to the pragmatic concepts that they purport to explain. There have been significant clinical implications of the type of enquiry that has sought to rush ahead with repeated (and often repetitive) studies in the absence of a rationally motivated basis. At best, these studies provide an uncertain foundation upon which to devise reliable pragmatic assessments and plan effective pragmatic interventions. We must acknowledge that one inevitable consequence of this

ix



x Preface

adverse impact on assessment and intervention is that pragmatically disordered clients have for too long not been receiving the type of high-quality clinical services that we have now come to expect for clients with other language disorders (e.g. specific language impairment, aphasia, phonological disorder).

As well as surveying our current state of knowledge of developmental and acquired pragmatic disorders, this book also assumes a deeply critical purpose. Few contributions to clinical pragmatics have even attempted a rational appraisal of the phenomena that investigators have simply assumed to be pragmatic. A research programme that purports to study certain pragmatic notions, but then misrepresents those notions, is neither advancing its own theoretical ends nor revealing anything of significance about the pragmatic competence of a particular clinical population. A similar rational appraisal is necessary of theoretical developments in areas such as developmental psychopathology and cognitive science, areas which should be actively embraced by researchers who are seeking a theoretical explanation of pragmatic disorders. Interdisciplinary exchanges between these disciplines and clinical pragmatics should be facilitated wherever possible, but they must also be handled with great care. For at the same time as they have the potential to throw new light on certain problems, their mismanagement can subvert the very explanatory gains that they were intended to achieve. A further purpose of this book is thus to examine the nature of these interdisciplinary exchanges, many of which have gone unnoticed by clinical pragmatists, and to suggest ways in which these exchanges may contribute to our understanding of pragmatic disorders.



Acknowledgements

I wish to acknowledge with gratitude the assistance of the following people: Judith Heaney for her careful preparation of the bibliography and compilation of the text; Sian Griffiths and other staff at the Boots and Clifton libraries of Nottingham Trent University for their assistance in locating literature; and Helen Barton of Cambridge University Press, for her receptive response to my proposal of this book. The assistance of each of these individuals has been invaluable. Lucy Dipper's detailed comments on an earlier version of the manuscript were particularly constructive. I am very grateful to her for her thorough review of the manuscript on behalf of Cambridge University Press.

Much of the research for this book was undertaken while I was a Visiting Fellow in the Centre for Research in the Arts, Social Sciences and Humanities (CRASSH) at the University of Cambridge. I am grateful to the Director of CRASSH, Mary Jacobus, for her support and encouragement. During my time at Cambridge, Wolfson College provided me with an environment that was particularly conducive to conducting research. I extend my gratitude to its President and Fellows.

Finally, I have been supported in this endeavour by family members and friends who are too numerous to mention individually. I am grateful to them for their kind words of encouragement during my many months of writing.

Chapter 3 originally appeared in Seminars in Speech and Language. Chapter 7 originally appeared in Language and Communication. Both have been extensively reworked for this volume.