UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

(Amendment No. 2)*

Under the Securities Exchange Act of 1934

CLEARSIDE BIOMEDICAL, INC.

(Name of Issuer)

Common Stock, \$0.001 Par Value (Title of Class of Securities)

> 185063 10 4 (CUSIP Number)

Clay Thorp

280 S. Mangum Street, Suite 350 Durham, North Carolina 27701 (919) 484-0730 (Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

> April 17, 2017 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of \$ 240.13d-1(e), 240.13d-1(g), check the following box. \Box

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 185063 10 4 Page 2 of 20

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 20-4822068			
	Hatteras Venture Advisors III, LLC			
2.	Check the Appropriate Box if a Member of a Group (a) □ (b) □			
	Not Applicable			
3.	SEC Use Only			
4.	Source of Funds (See Instructions)			
	OO – See Item 3			
5.	Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	Not Applicable			
6.	Citizenship or Place of Organization			
	United States			
	7. Sole Voting Power			
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	10. Shared Dispositive Power			
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11.	Aggregate Amount Beneficially Owned by Each Reporting Person			
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12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares 🗵			
13.	Percent of Class Represented by Amount in Row (11)			
	6.6%			
14.	Type of Reporting Person			
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CUSIP No. 185063 10 4 Page 3 of 20

1. Name of Reporting Person IRS, Identification No. of Above Person (Entities Only) 20-482290 Hatterss Venture Partners III, LP 2. Check the Appropriate Box if a Member of a Group (µ) □ (b) □ 3. SEC Use Only 4. Source of Funds (See Instructions) OO - See Item 3 5. Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e) Not Applicable 6. Citizenship or Place of Organization United States 7. Sole Voting Power 0 Sumbor of Shares 8. Shared Voting Power 0 1.529,547 11. Aggregate Amount Eneficially Owned by Each Reporting Person 1.529,547 1. 12. Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares □ 13. Percent of Class Represented by Amount in Row (11) 6.1% 14				
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	13.	Percent of Class Represented by Amount in Row (11)		
14 Type of Reporting Person				
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CUSIP No. 185063 10 4 Page 4 of 20

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 20-5052088			
	Hatteras Venture Affiliates III, LP			
2.	Check the Appropriate Box if a Member of a Group			
	(a) \Box (b) \Box			
	Not Applicable			
3.	SEC Use Only			
4.	Source of Funds (See Instructions)			
	OO – See Item 3			
5.	Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	Not Applicable			
6.	Citizenship or Place of Organization			
	United States			
	7. Sole Voting Power			
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12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares			
13.	Percent of Class Represented by Amount in Row (11)			
14.	0.6% Type of Reporting Person			
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CUSIP No. 185063 10 4 Page 5 of 20

I. Name of Reporting Person LRS. Identification No. of Above Person (Entities Only) Hatteras Venture Advisors IV SBIC, LLC 2. Check the Appropriate Box if a Member of a Group (a) □ (a) □ (b) □ Not Applicable 3. SEC Use Only 4. Source of Funds (See Instructions) OO - See Item 3 5. Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e) Not Applicable 6. Citizenship or Place of Organization United States Sumber of Shrres Reporting Person With Profile 8. Shurd Voting Power 1.955,854 9. Sole Dispositive Power 1.955,854 9. Sole Dispositive Power 1.955,854 12. Check Bergregate Amount Beneficially Owned by Each Reporting Person 1.955,854 12. Check Bergregate Amount in Row (11) 7.7% 14. Type of Reporting Person 12.		
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CUSIP No. 185063 10 4 Page 6 of 20

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 32-0389462			
	Hatteras Venture Partners IV SBIC, LP			
2.	Check the Appropriate Box if a Member of a Group (a) □ (b) □			
	Not Applicable			
3.	SEC Use Only			
4.	Source of Funds (See Instructions)			
5	OO - See Item 3			
5.	Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
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6.	Citizenship or Place of Organization			
	United States			
Numbo Shar Benefic: Owned Eac Report Perso with	es 8. Shared Voting Power ially 1,955,854 9. Sole Dispositive Power 0 0 10. Shared Dispositive Power 1,955,854 Aggregate Amount Beneficially Owned by Each Reporting Person 1,955,854			
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares □			
13.	Percent of Class Represented by Amount in Row (11) 7.7%			
14.	7.7% Type of Reporting Person			
	CO			

CUSIP No. 185063 10 4 Page 7 of 20

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 20-4822068		ication No. of Above Person (Entities Only)
	Hatteras Venture Advisors IV, LLC		
2. Check the Appropriate Box if a Member of a Group			
	(a) 🗆	(b)	
	Not A	nnlia	cable
3.	SEC Us		
4.	Source	ofFu	nds (See Instructions)
	00 -	See	Item 3
5.	Check i	f Dis	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)
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6	Not A		cable or Place of Organization
6.	Citizen	snip (or prace of organization
	United	l Sta	tes
		7.	Sole Voting Power
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Owne	d By		364,593
Ea		9.	Sole Dispositive Power
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wi	th		0
		10.	Shared Dispositive Power
11	1.4		364,593 mount Beneficially Owned by Each Reporting Person
11.	Aggreg	ate A	mount bencherary Owned by Each Reporting Person
	364,593		
12.			f the Aggregate Amount in Row (11) Excludes Certain Shares 🗵
13.	Percent	ofCl	lass Represented by Amount in Row (11)
	1.4%		
14.		Rep	orting Person
	CO		

CUSIP No. 185063 10 4 Page 8 of 20

1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 45-2827886			
	Hatteras Venture Partners IV, LP			
2.	Check the Appropriate Box if a Member of a Group			
	(a) \Box (b) \Box			
	Not Applicable			
3.	SEC Use Only			
4.	Source of Funds (See Instructions)			
	OO – See Item 3			
5.	Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
6.	Not Applicable Citizenship or Place of Organization			
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	United States			
	7. Sole Voting Power			
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Sha	res 8. Shared Voting Power			
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Eac				
Repor Pers	ling			
wit	th O			
	10. Shared Dispositive Power			
	247,302			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person			
12.	247,302 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares □			
12.				
13.	Percent of Class Represented by Amount in Row (11)			
	1.0%			
14.	Type of Reporting Person			
	СО			

CUSIP No. 185063 10 4 Page 9 of 20

1490 9 0120				
1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 38-3890444			
	Hatteras NC Fund, LP			
2.	Check the Appropriate Box if a Member of a Group			
	(a) \square (b) \square			
	Not Applicable			
3.	SEC Use Only			
4.	Source of Funds (See Instructions)			
5.	OO – See Item 3 Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
5.	Check if Disclosule of Legal Hocceding is Required Fulsualit to hems 2(d) of 2(e)			
	Not Applicable			
6.	Citizenship or Place of Organization			
	United States			
	7. Sole Voting Power			
Numb Sha				
Benefic	sially			
Owne Eac	ah 117,271			
Repo	rting 9. Sole Dispositive Power			
Pers				
	10. Shared Dispositive Power			
	117 201			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person			
	1.55.05.46 Find and Souther of Each Reporting Foton			
	117,291			
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares			
13.	Percent of Class Represented by Amount in Row (11)			
	0.59/			
14.	0.5% Type of Reporting Person			
	СО			

CUSIP No. 185063 10 4 Page 10 of 20

		·		
1.	Name of Re	porting Person		
	I.R.S. Identi	fication No. of Above Person (Entities Only)		
	John C. C			
2. Check the Appropriate Box if a Member of a Group				
	Not Appli	icable		
3.	SEC Use Or	ly state of the st		
5.	SEC USC OI	ny		
4.	Source of F	unds (See Instructions)		
	OO – See	Item 3		
5.		sclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)		
	Not Appli	icable		
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6.	Citizenship	or Place of Organization		
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Ea	ch	3,988,879		
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wi	th	0		
	10	. Shared Dispositive Power		
		3,988,879		
1.1				
11.	Aggregate A	Amount Beneficially Owned by Each Reporting Person		
	3,988,879			
12.	Check Box	if the Aggregate Amount in Row (11) Excludes Certain Shares 🗆		
1				
13.	Percent of (Class Represented by Amount in Row (11)		
13.	refeelit of C			
	15.00/			
	15.8%			
14.	Type of Rep	porting Person		
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	1			

CUSIP No. 185063 10 4 Page 11 of 20

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1.	Name of Reporting Person
	I.R.S. Identification No. of Above Person (Entities Only)
	Robert A. Ingram
2.	Check the Appropriate Box if a Member of a Group
	(a) \Box (b) \Box
	Not Applicable
3.	SEC Use Only
3.	SEC Use Only
4.	Source of Funds (See Instructions)
	OO – See Item 3
5.	Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)
	Not Applicable
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6.	Citizenship or Place of Organization
	United States
	7. Sole Voting Power
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	10. Shared Dispositive Power
	3,988,879
11.	Aggregate Amount Beneficially Owned by Each Reporting Person
11.	Aggregate Amount Benenciarly Owned by Each Reporting Person
	3,988,879
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares
13.	Percent of Class Represented by Amount in Row (11)
	15.8%
14	
14.	Type of Reporting Person
	IN

CUSIP No. 185063 10 4 Page 12 of 20

1.	Name of Reporting Person					
	I.R.S. Id	entification No. of Above Person (Entities Only)				
		h B. Lee				
2.	Check th	Check the Appropriate Box if a Member of a Group				
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	Not Ar	plicable				
3.	SEC Use	Only				
5.	SLC US	, only				
4.	Source of	of Funds (See Instructions)				
	00 - 5	See Item 3				
5.		Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)				
	Not Ar	pplicable				
6.	Citizens	hip or Place of Organization				
	United	States				
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Owne		a and a z a				
Eac		3,988,879				
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wit		0				
	-	10. Shared Dispositive Power				
		3,988,879				
11.	Aggrega	te Amount Beneficially Owned by Each Reporting Person				
	3,988,8					
12.	Check E	ox if the Aggregate Amount in Row (11) Excludes Certain Shares				
13.	Percent	of Class Represented by Amount in Row (11)				
13.	recent					
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	15.8%					
14.	Type of	Reporting Person				
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CUSIP No. 185063 10 4 Page 13 of 20

1.	Name of Reporting Person			
	I.R.S. Identification No. of Above Person (Entities Only)			
	Clay B. Thorp			
2.	Check the Appropriate Box if a Member of a Group			
	Not Applicable			
3.	SEC Use Only			
5.	She cae only			
4.	Source of Funds (See Instructions)			
	OO – See Item 3			
5.	Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	Not Applicable			
6.	Citizenship or Place of Organization			
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	7. Sole Voting Power			
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	10. Shared Dispositive Power			
	3,988,879			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person			
	3,988,879			
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares			
1.2.				
12				
13.	Percent of Class Represented by Amount in Row(11)			
	15.8%			
14.	Type of Reporting Person			
	IN			
L				

CUSIP No. 185063 10 4 Page 14 of 20

1.	Name of Reporting Person			
	I.R.S. Identification No. of Above Person (Entities Only)			
	Dougla	as Reed		
2.	Check the Appropriate Box if a Member of a Group			
2.	(a) □			
	() =			
	Not Applicable			
3.	SEC Use Only			
4. Source of Funds (See Instructions)		of Funds (See Instructions)		
	Source of Funds (See Instructions)			
	$OO = S_{oo}$ Itom 2			
	OO – See Item 3			
5.	Check i	f Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)		
	Not A	oplicable		
6.	Citizenship or Place of Organization			
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		7. Sole Voting Power		
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Shares		8. Shared Voting Power		
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Repor	rting	9. Sole Dispositive Power		
Pers				
wit	th	0		
		10. Shared Dispositive Power		
		3,988,879		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person			
	3,988,879			
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares			
12				
13.	Percent of Class Represented by Amount in Row (11)			
	15.8%			
14.	Type of	Reporting Person		
	<i>J</i> 1			
	IN			
	11 N			

CUSIP No. 185063 10 4 Page 15 of 20

This Amendment No. 2 on Schedule 13D amends the statement on Schedule 13D, dated June 7, 2016, which relates to the Common Stock, par value \$0.001 per share (the "**Common Stock**") of Clearside Biomedical, Inc. (the "**Issuer**") which was previously amended on Schedule 13D/A, dated January 20, 2017 filed by:

Hatteras Venture Advisors III, LLC ("**HVA III**") Hatteras Venture Partners III, LP ("**HVP III**") Hatteras Venture Affiliates III, LP ("**HVA Affiliates**") Hatteras Venture Advisors IV SBIC, LLC ("**HVA SBIC**") Hatteras Venture Partners IV SBIC, LP ("**HVP SBIC**") Hatteras Venture Advisors IV, LLC ("**HVA IV**") Hatteras Venture Partners IV, LP ("**HVP IV**") Hatteras NC Fund, LP ("**HAtteras Fund**") John C. Crumpler Robert A. Ingram Kenneth B. Lee Clay B. Thorp Douglas Reed

(collectively, the "Reporting Persons").

Except as expressly amended below, the Schedule 13D, dated June 7, 2016, remains in effect.

Item 5. Interest in Securities of the Issuer.

(a) Aggregate number and percentage beneficially owned:

HVA III — 1,668,432 or 6.6% HVP III — 1,529,547 or 6.1% HV Affiliates — 138,885 or less than 1% HVA SBIC — 1,955,854 or 7.7% HVP SBIC — 1,955,854 or 7.7% HVA IV— 364,593 or 1.4% HVP IV — 247,302 or 1.0% Hatteras Fund — 117,291 or less than 1% John C. Crumpler — 3,988,879 or 15.8% Robert A. Ingram — 3,988,879 or 15.8% Kenneth B. Lee — 3,988,879 or 15.8% Clay B. Thorp — 3,988,879 or 15.8%

- (b) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote

HVA III — 0 HVP III — 0 HV Affiliates — 0 HVA SBIC— 0 HVP SBIC — 0

- HVA IV— 0 HVP IV— 0 Hatteras Fund— 0 John C. Crumpler— 0 Robert A. Ingram— 0 Kenneth B. Lee— 0 Clay B. Thorp— 0 Douglas Reed— 0
- (iii) Sole power to dispose or to direct the disposition of
 - HVA III 0 HVP III — 0 HV Affiliates — 0 HVA SBIC — 0 HVP SBIC — 0 HVA IV — 0 HVA IV — 0 Hatteras Fund — 0 John C. Crumpler — 0 Robert A. Ingram — 0 Kenneth B. Lee — 0 Clay B. Thorp — 0 Douglas Reed — 0
- (iv) Shared power to dispose or to direct the disposition of

HVA III — 1,668,432 HVP III — 1,529,547 HV Affiliates — 138,885 HVA SBIC — 1,955,854 HVP SBIC — 1,955,854 HVA IV— 364,593 HVP IV — 247,302 Hatteras Fund — 117,291 John C. Crumpler — 3,988,879 Robert A. Ingram — 3,988,879 Clay B. Thorp — 3,988,879 Douglas Reed — 3,988,879

(ii) Shared power to vote or to direct the vote

HVA III — 1,668,432 HVP III — 1,529,547 HV Affiliates — 138,885 HVA SBIC — 1,955,854 HVP SBIC — 1,955,854 HVA IV— 364,593 HVP IV — 247,302 Hatteras Fund — 117,291 John C. Crumpler — 3,988,879 Robert A. Ingram — 3,988,879 Clay B. Thorp — 3,988,879 Douglas Reed — 3,988,879 CUSIP No. 185063 10 4 Page 17 of 20

(c) Each of the required transactions described in this Item 5(a) were reported on Forms 4 filed by Mr. Thorp filed with the Securities and Exchange Commission (the "SEC") pursuant to Section 16 of the Act and are available on the SEC's website at <u>www.sec.gov</u>. The information reported in such filings is expressly incorporated herein.

CUSIP No. 185063 10 4 Page 18 of 20

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: April 25, 2017

HATTERAS VENTURE ADVISORS III, LLC

By: <u>/s/ Clay B. Thorp</u> Manager

HATTERAS VENTURE PARTNERS III, LP

- By: Hatteras Venture Advisors III, LLC, its general partner
- By: <u>/s/ Clay B. Thorp</u> Manager

HATTERAS VENTURE AFFILIATES III, LP

- By: Hatteras Venture Advisors III, LLC, its general partner
- By: <u>/s/ Clay B. Thorp</u> Manager
- HATTERAS VENTURE ADVISORS IV SBIC, LLC

By: <u>/s/ Clay B. Thorp</u> Manager

HATTERAS VENTURE PARTNERS IV SBIC, LP

- By: Hatteras Venture Advisors IV SBIC, LLC, its general partner
- By: /s/ Clay B. Thorp Manager

HATTERAS VENTURE ADVISORS IV, LLC

- By: /s/ Clay B. Thorp Manager
- HATTERAS VENTURE PARTNERS IV, LP
- By: Hatteras Venture Advisors IV, LLC, its general partner
- By: /s/ Clay B. Thorp Manager
- HATTERAS NC FUND, LP
- By: Hatteras Venture Advisors IV, LLC, its general partner

*

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By: <u>/s/ Clay B. Thorp</u> Manager

John C. Crumpler

Robert A. Ingram

Kenneth B. Lee

*
Clay B. Thorp
*
Douglas Reed

By: <u>/s/ Clay B. Thorp</u> Clay B. Thorp, as Attorney-in-Fact

This Amendment No. 2 to Schedule 13D was executed by Clay B. Thorp on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which was previously filed with the Reporting Person's Schedule 13D filed with the SEC on June 17, 2016.