MEDICURE INC.



8th Floor, 100 University Avenue Toronto, Ontario M5J 2Y1 www.computershare.com

MPHQ 000001

SAM SAMPLE 123 SAMPLES STREET SAMPLETOWN SS X9X X9X CANADA

Security Class COMMON

Holder Account Number

C9999999999 IND

Fold

Form of Proxy - Annual Meeting to be held on Wednesday, May 21, 2025

This Form of Proxy is solicited by and on behalf of Management.

Notes to proxy

- 1. Every holder has the right to appoint some other person or company of their choice, who need not be a holder, to attend and act on their behalf at the meeting or any adjournment or postponement thereof. If you wish to appoint a person or company other than the Management Nominees whose names are printed herein, please insert the name of your chosen proxyholder in the space provided (see reverse).
- 2. If the securities are registered in the name of more than one owner (for example, joint ownership, trustees, executors, etc.), then all those registered should sign this proxy. If you are voting on behalf of a corporation or another individual you may be required to provide documentation evidencing your power to sign this proxy with signing capacity stated. If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.
- 3. This proxy should be signed in the exact manner as the name(s) appear(s) on the proxy.
- 4. If a date is not inserted in the space provided on the reverse of this proxy, it will be deemed to bear the date on which it was mailed to the holder by Management.
- 5. The securities represented by this proxy will be voted as directed by the holder, however, if such a direction is not made in respect of any matter, and the proxy appoints the Management Nominees listed on the reverse, this proxy will be voted as recommended by Management.
- 6. The securities represented by this proxy will be voted in favour, or withheld from voting, or voted against each of the matters described herein, as applicable, in accordance with the instructions of the holder, on any ballot that may be called for. If you have specified a choice with respect to any matter to be acted on, the securities will be voted accordingly.
- 7. This proxy confers discretionary authority in respect of amendments or variations to matters identified in the Notice of Meeting and Management Information Circular or other matters that may properly come before the meeting or any adjournment or postponement thereof, unless prohibited by law.
- 8. This proxy should be read in conjunction with the accompanying documentation provided by Management.

Fold

Proxies submitted must be received by 11:00 am, Central Time, on Friday, May 16, 2025.

VOTE USING THE TELEPHONE OR INTERNET 24 HOURS A DAY 7 DAYS A WEEK!



To Vote Using the Telephone

Call the number listed BELOW from a touch tone telephone

1-866-732-VOTE (8683) Toll Free



To Vote Using the Internet

- Go to the following web site: www.investorvote.com
- Smartphone?
 Scan the QR code to vote now.



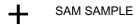
If you vote by telephone or the Internet, DO NOT mail back this proxy.

Voting by mail may be the only method for securities held in the name of a corporation or securities being voted on behalf of another individual.

Voting by mail or by Internet are the only methods by which a holder may appoint a person as proxyholder other than the Management Nominees named on the reverse of this proxy. Instead of mailing this proxy, you may choose one of the two voting methods outlined above to vote this proxy.

To vote by telephone or the Internet, you will need to provide your CONTROL NUMBER listed below.

CONTROL NUMBER 23456 78901 23456



C9999999999

C02 IND



Appointment of Proxyholder

MPHQ

3 7 3 7 8 8

I/We being holder(s) of securities of Medicure Inc. (the "Corporation") hereby appoint: Albert D. Friesen, or failing this person, Neil Owens (the "Management Nominees")

OR

Print the name of the person you are appointing if this person is someone other than the Management Nominees listed herein.

Fold

Fold

9 9 9 9 9

as my/our proxyholder with full power of substitution and to attend, act and to vote for and on behalf of the holder in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and on all other matters that may properly come before the Annual Meeting of shareholders of the Corporation to be held at the offices of the Corporation, 2 - 1250 Waverley Street, Winnipeg, MB on Wednesday, May 21, 2025 at 11:00 am (Central Time), and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE IN	IDICATED	BY HIGHL	IGHTED TEXT OVER THE BOXI	ES.				
1. Election of Directors	For	Against		For	Against		Fo	Against
01. Albert D. Friesen			02. Arnold Naimark			03. Brent Fawkes		
04. Peter Quick			05. James Kinley					
							Fo	Withhold
Appointment of Auditors Appointment of Ernst & Young LLP a	as Audito	rs of the C	orporation for the ensuing yea	ar and authorizing	the Direct	ors to fix their remunera	Lition.	
Signature of Proxyholder				Signature(s)			Date	
I/We authorize you to act in accordance with my/our instructions set out above. I/We hereby revoke any proxy previously given with respect to the Meeting. If no voting instructions are indicated above, and the proxy appoints the Management Nominees, this Proxy will be voted as recommended by Management. If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.						DD I WW		
If you are voting on behalf of a corpora designation of office, e.g., ABC Inc. pe	ation you er John Sı	are require nith, Presid	d to provide your name and lent.					
				Signing Capacity				
Interim Financial Statements - Mark this box like to receive Interim Financial Statements and accompanying Management's Discussion and mail.	ď		Annual Financial Statements - M NOT like to receive the Annual Financompanying Management's Disc mail.	lark this box if you woul ancial Statements and cussion and Analysis by	ld ,			
If you are not mailing back your proxy, you may	y register or	lline to receive	e the above financial report(s) by mail	at www.computershare	e.com/mailing	glist.		

1 A P I

A R 2

MEDICURE INC.



8th Floor, 100 University Avenue Toronto, Ontario M5J 2Y1 www.computershare.com

MPHQ 000002

SAM SAMPLE 123 SAMPLES STREET SAMPLETOWN SS X9X X9X AUSTRALIA

Security Class COMMON

Holder Account Number

C9999999999 IND

Fold

Form of Proxy - Annual Meeting to be held on Wednesday, May 21, 2025

This Form of Proxy is solicited by and on behalf of Management.

Notes to proxy

- 1. Every holder has the right to appoint some other person or company of their choice, who need not be a holder, to attend and act on their behalf at the meeting or any adjournment or postponement thereof. If you wish to appoint a person or company other than the Management Nominees whose names are printed herein, please insert the name of your chosen proxyholder in the space provided (see reverse).
- 2. If the securities are registered in the name of more than one owner (for example, joint ownership, trustees, executors, etc.), then all those registered should sign this proxy. If you are voting on behalf of a corporation or another individual you may be required to provide documentation evidencing your power to sign this proxy with signing capacity stated. If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.
- 3. This proxy should be signed in the exact manner as the name(s) appear(s) on the proxy.
- 4. If a date is not inserted in the space provided on the reverse of this proxy, it will be deemed to bear the date on which it was mailed to the holder by Management.
- 5. The securities represented by this proxy will be voted as directed by the holder, however, if such a direction is not made in respect of any matter, and the proxy appoints the Management Nominees listed on the reverse, this proxy will be voted as recommended by Management.
- 6. The securities represented by this proxy will be voted in favour, or withheld from voting, or voted against each of the matters described herein, as applicable, in accordance with the instructions of the holder, on any ballot that may be called for. If you have specified a choice with respect to any matter to be acted on, the securities will be voted accordingly.
- 7. This proxy confers discretionary authority in respect of amendments or variations to matters identified in the Notice of Meeting and Management Information Circular or other matters that may properly come before the meeting or any adjournment or postponement thereof, unless prohibited by law.
- 8. This proxy should be read in conjunction with the accompanying documentation provided by Management.

Fold

Proxies submitted must be received by 11:00 am, Central Time, on Friday, May 16, 2025.

VOTE USING THE TELEPHONE OR INTERNET 24 HOURS A DAY 7 DAYS A WEEK!



To Vote Using the Telephone

Call the number listed BELOW from a touch tone telephone

312-588-4290 Direct Dial



To Vote Using the Internet

- Go to the following web site: www.investorvote.com
- Smartphone?
 Scan the QR code to vote now.



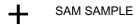
If you vote by telephone or the Internet, DO NOT mail back this proxy.

Voting by mail may be the only method for securities held in the name of a corporation or securities being voted on behalf of another individual.

Voting by mail or by Internet are the only methods by which a holder may appoint a person as proxyholder other than the Management Nominees named on the reverse of this proxy. Instead of mailing this proxy, you may choose one of the two voting methods outlined above to vote this proxy.

To vote by telephone or the Internet, you will need to provide your CONTROL NUMBER listed below.

CONTROL NUMBER 23456 78901 23456



C9999999999

C02 IND



Appointment of Proxyholder

MPHQ

3 7 3 7 8 8

I/We being holder(s) of securities of Medicure Inc. (the "Corporation") hereby appoint: Albert D. Friesen, or failing this person, Neil Owens (the "Management Nominees")

OR

Print the name of the person you are appointing if this person is someone other than the Management Nominees listed herein.

Fold

Fold

9 9 9 9 9

as my/our proxyholder with full power of substitution and to attend, act and to vote for and on behalf of the holder in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and on all other matters that may properly come before the Annual Meeting of shareholders of the Corporation to be held at the offices of the Corporation, 2 - 1250 Waverley Street, Winnipeg, MB on Wednesday, May 21, 2025 at 11:00 am (Central Time), and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE IN	IDICATED	BY HIGHL	IGHTED TEXT OVER THE BOXI	ES.				
1. Election of Directors	For	Against		For	Against		Fo	Against
01. Albert D. Friesen			02. Arnold Naimark			03. Brent Fawkes		
04. Peter Quick			05. James Kinley					
							Fo	Withhold
Appointment of Auditors Appointment of Ernst & Young LLP a	as Audito	rs of the C	orporation for the ensuing yea	ar and authorizing	the Direct	ors to fix their remunera	Lition.	
Signature of Proxyholder				Signature(s)			Date	
I/We authorize you to act in accordance with my/our instructions set out above. I/We hereby revoke any proxy previously given with respect to the Meeting. If no voting instructions are indicated above, and the proxy appoints the Management Nominees, this Proxy will be voted as recommended by Management. If you are voting on behalf of a corporation you are required to provide your name and designation of office, e.g., ABC Inc. per John Smith, President.						DD I WW		
If you are voting on behalf of a corpora designation of office, e.g., ABC Inc. pe	ation you er John Sı	are require nith, Presid	d to provide your name and lent.					
				Signing Capacity				
Interim Financial Statements - Mark this box like to receive Interim Financial Statements and accompanying Management's Discussion and mail.	ď		Annual Financial Statements - M NOT like to receive the Annual Financompanying Management's Disc mail.	lark this box if you woul ancial Statements and cussion and Analysis by	ld ,			
If you are not mailing back your proxy, you may	y register or	lline to receive	e the above financial report(s) by mail	at www.computershare	e.com/mailing	glist.		

1 A P I

A R 2