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

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Form of Proxy - Annual Meeting to be held on Tuesday, May 28, 2024

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.
- 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.

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Proxies submitted must be received by 11:00 am, Central Time, on Friday, May 24, 2024.

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.



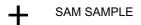
If you vote by telephone or the Internet, DO NOT mail back this proxy.

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

IND C02



Appointment of Proxyholder

MPHQ

363339

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.

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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 Tuesday, May 28, 2024 at 11:00 am (Central Time), and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE INDICATED BY HIGHLIGHTED TEXT OVER THE BOXES.										
1. Election of Directors	For	Against		For	Against		Ū	or	Against	
01. Albert D. Friesen			02. Arnold Naimark			03. Brent Fawkes	[
04. Peter Quick			05. James Kinley			06. Kimberly Kramchyns	ky [
								or	Withhold	
Appointment of Auditors Appointment of Ernst & Young LLP a	as Audito	rs of the C	orporation for the ensuing year	and authorizing	the Direct	ors to fix their remuneratio	n.			
Signature of Proxyholder				Signature(s)			Date			
I/We authorize you to act in accordance vevoke any proxy previously given with reindicated above, and the proxy appoin voted as recommended by Manageme	espect to t I ts the M a	ir instruction ne Meeting. nagement	s set out above. I/We hereby If no voting instructions are Nominees, this Proxy will be			30000		1	<u>YY</u>	
Interim Financial Statements - Mark this box like to receive Interim Financial Statements and accompanying Management's Discussion and mail.	d Analysis by	Ш	Annual Financial Statements - Ma NOT like to receive the Annual Finan accompanying Management's Discumail.	ncial Statements and ussion and Analysis by	, []					
If you are not mailing back your proxy, you may	y register Of	IIIIE IO IECEIV	e uie anove iiiiaiioiai iepoit(s) ny Mali a	it www.computersnare	z.com/manifi(ynot.				

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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

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Form of Proxy - Annual Meeting to be held on Tuesday, May 28, 2024

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- 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.
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312-588-4290 Direct Dial



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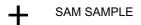
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MPHQ

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

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								or	Withhold	
Appointment of Auditors Appointment of Ernst & Young LLP a	as Audito	rs of the C	orporation for the ensuing year	and authorizing	the Direct	ors to fix their remuneratio	n.			
Signature of Proxyholder				Signature(s)			Date			
I/We authorize you to act in accordance vevoke any proxy previously given with reindicated above, and the proxy appoin voted as recommended by Manageme	espect to t I ts the M a	ir instruction ne Meeting. nagement	s set out above. I/We hereby If no voting instructions are Nominees, this Proxy will be			30000		1	<u>YY</u>	
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